

211t User Guide

www.DishHDTVChina.com



Warning and Attention Symbols

You must be aware of safety when you install and use this system. This *User Guide* provides various procedures. If you do some of these procedures carelessly, you could injure or kill yourself or damage equipment or property. Some other procedures require special attention.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the equipment’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the equipment.



The Class II equipment symbol means the equipment has additional insulation and does not need to be grounded.

For Your Safety



Do not try to open the case of the equipment. There is risk of electrical shock, which may cause damage to the equipment and/or personal injury or death to you. There are no user-serviceable parts inside the equipment. Opening the equipment’s case or making unauthorized changes voids the warranty.



To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

Important Software Notice

As with all software-controlled products, unexpected behavior could arise if the user tries to perform operations in a non-routine manner. This product, like almost any other technology product, is subject to bugs, and hence EPG Holdings, LLC CANNOT AND DOES NOT GUARANTEE OR WARRANT THAT ALL FEATURES, SUCH AS PARENTAL CONTROL, WILL WORK AS INTENDED UNDER ALL CIRCUMSTANCES. EPG Holdings, LLC endeavors to improve such conditions and will periodically download improvements.

Equipment and Software Covered by this User’s Guide

This *User Guide* covers the DishHD 211t STB and software model 211t. This *Guide* may cover other equipment not listed here.

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Important Safety Instructions

- 1** Read these instructions.
- 2** Keep these instructions.
- 3** Heed all warnings.
- 4** Follow all instructions.
- 5** Do not use the equipment near water.
- 6** Clean only with a dry cloth.
- 7** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8** Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
- 9** Protect the power cord from being walked on or kinked, particularly at plugs, convenience receptacles, and the point where they exit from the equipment.
- 10** Use only attachments/accessories specified by the manufacturer.
- 11** Unplug the equipment during lightning storms or when unused for long periods of time.
- 12** Refer all servicing to qualified service personnel. Servicing is required when the equipment has been damaged in any way, such as the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into it, the equipment has been exposed to rain or moisture, the equipment does not operate normally, or the equipment has been dropped.
- 13** The power plug must be readily accessible so that the equipment can be easily disconnected from the AC power.
- 14** The equipment is still connected to the AC power whenever it is plugged into a live power outlet, even if it is turned off using the remote control or front panel buttons.
- 15** No flame sources, such as lighted candles, should be placed on the equipment.
- 16** The equipment shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, shall be placed on it.
- 17** Operate the equipment using only the type of power source indicated on the marking label. Unplug the equipment's power cord by gripping the power plug, not the cord.
- 18** Do not overload wall outlets or extension cords, as this can result in a risk of fire or electrical shock.
- 19** Never insert objects of any kind into the equipment through openings, as the objects may touch dangerous voltage points. This could cause fire or electrical shock.
- 20** Do not locate the antenna near overhead light or power circuits, or where it can fall into power lines or circuits. When installing the antenna, take extreme care to avoid touching power lines or circuits, as contact with them can be fatal.
- 21** Unplug the equipment from the AC power outlet before cleaning.
- 22** Do not place the equipment in an enclosure such as a cabinet without proper ventilation.
- 23** Do not install the equipment in any area where the temperature can be less than 40°F or more than 113°F. If the equipment is cold to the touch, do not plug it in immediately. Let it sit unplugged at room temperature for at least 45 minutes before plugging it in.
- 24** Use an outlet that contains surge suppression or ground fault protection. For added protection during a lightning storm, or when the equipment is left unattended and unused for long periods of time, unplug the power cord from the wall outlet and disconnect the lines between the equipment and the antenna. This provides some protection against damage caused by lightning or power line surges.

Safety

Proper Care of Your Equipment

- Always handle the equipment carefully.
- If the equipment is turned on and needs to be moved, unplug the equipment and let it sit for at least 30 seconds before moving it.
- The use of accessories or attachments not recommended by the equipment's manufacturer voids the Limited Warranty.
- Do not stack the equipment on top of or below other electronic devices as this can cause heat build-up and vibration.



On some TVs, the presence of fixed images for extended periods of time may cause them to be permanently imprinted on the screen. Consult your TV user guide for information on whether this is a problem for your TV, what operating/viewing restrictions apply to avoid this problem, and associated TV warranty coverage.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the antenna assembly.
- Increase the separation between the equipment.
- Connect the equipment into an outlet on a circuit different from that to which the DishHD set-top box (STB) is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Quick Start Guide

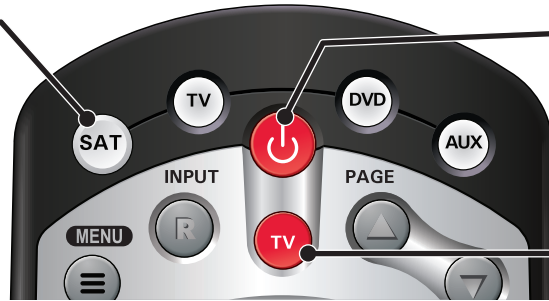


Quick Start Guide



Watching Your Satellite Programming

You must be in SAT mode to operate your DishHD STB. Press the SAT button to enter SAT mode



Turns the DishHD STB On or Off

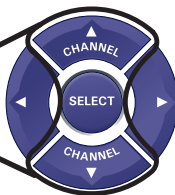


Turns the TV On or Off

Easy Ways to Find a Program



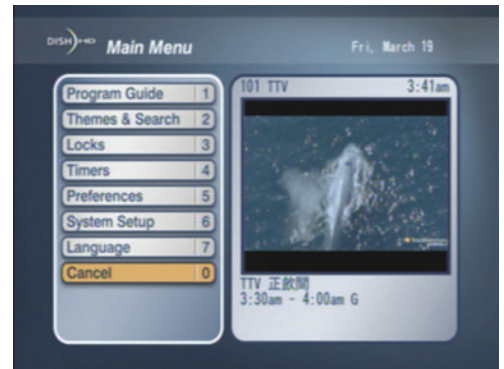
Select a program from the Program Guide



Channel Up/Down one program at a time



Enter a channel number



Main Menu without External Hard Drive attached.



Main Menu with External Hard Drive attached.

GUIDE



Tip: Press the GUIDE button once to open the Program Guide or repeatedly to change among your Favorites Lists.



Tip: To skip ahead 24 hours in the Program Guide, press the SKIP FWD button. To back up 24 hours, press the SKIP BACK button.



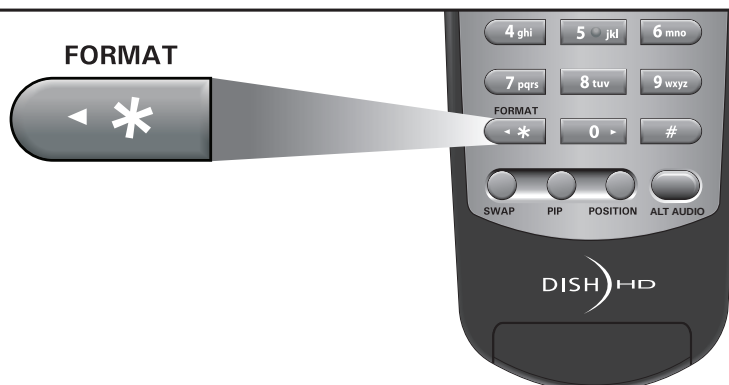
Tip: While viewing a program, press the BROWSE (RIGHT ARROW) button. Then press either the UP or DOWN ARROW. The information on other channels appears in the Browse Banner. Press SELECT to watch the program.

Quick Start Guide



Formatting Your TV Screen

Press the **FORMAT** button on your remote to change your picture's sizing to your preference. See your HDTV user's guide for formatting options available on your HDTV.



Return to Satellite Programming

*Use the **INPUT** button to return to watching satellite programming if you accidentally change channels or inputs on your TV*

1
INPUT



Press and hold **INPUT** until all mode buttons light up.

2



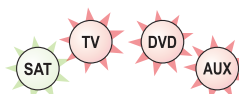
If you see the System Info screen, proceed to step 4. Otherwise, continue to step 3.

3

INPUT



Press **INPUT** again and wait until the mode lights stop flashing. If you see the System Info screen, go to step 4. If not, press **INPUT** again.



4



Press **SELECT** to end the procedure and return to satellite programming.

Programming Limited Mode

Limited Mode locks out all TV mode operations except TV power, Mute, and Volume, preventing you from accidentally tuning away from satellite programming.

*To undo, repeat using the **PAGE DOWN** button instead of **PAGE UP**.*

1



Press and hold the TV Mode button until all Mode buttons light up.

2 **PAGE**



Press the **PAGE UP** button.

3



Press **POUND**.

Device Codes:

TV: _____ ^{1*} **DVD/VCR:** _____ ^{1*} **AUX:** _____ ^{1*}
(optional) (optional) (optional)

My remote is programmed in Limited Mode (check box): ☐

Tip: Using the Limited Mode option (adding "1" when programming the remote) helps prevent accidentally tuning to a channel (or input) that does not display satellite TV programming. See the User Guide for details.

Troubleshooting

Acquiring
Satellite Signal
Please Wait

**Signal issues, such
as error messages
015, 002, or 004**

- Verify you are not experiencing severe weather. Although rare, severe weather can temporarily interrupt the satellite signal. If so, the problem should resolve itself once the weather passes.
- Verify there is nothing blocking your dish's view of the sky, such as a tree or plant growth.
- Press the SYSTEM INFO button on the front of your DishHD STB.



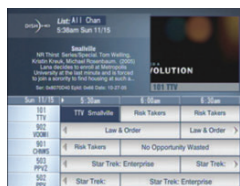
**Snowy, Blue, or
Black Screen**

- Verify the power light on the DishHD STB's front panel is lit. If not, turn on the DishHD STB by pressing SAT, then POWER on the remote control, or by pressing the Power button on the front of the DishHD STB.
- Verify your TV is turned on and is set to the correct channel or input. If not, turn the TV on and change it to the correct channel or input.
- Use the RECOVER button (see *Return to Satellite Programming*).



**Remote Control
Issues**

- Press the SAT mode button. For another device that isn't responding, press that device's Mode button (for example, press TV to control a TV).
- Replace the batteries with four new AAA batteries. Be sure the batteries are installed as indicated on the diagram inside the remote control's battery compartment.
- Press the SYSTEM INFO button on the front of the DishHD STB. The System Info screen displays. Press RECORD on the remote control. Press SELECT to exit the System Info screen.
- To program your remote control to another device, refer to the *Remote Control* chapter in the *User Guide*.



Missing Channels

- Press GUIDE on the remote control until the list at the top of the Program Guide says "All Sub." Check to see if your channels have returned.
- Check to see if the missing channels are locked (refer to the *Locks* chapter in the *User Guide*).



Tip: Some DishHD STB problems can be resolved by pressing and holding the POWER button on the front of the DishHD STB until the front panel lights go out and come back on. After releasing the POWER button, the DishHD STB returns to normal operation within a few minutes.

Quick Start Guide



Connect an External Hard Drive

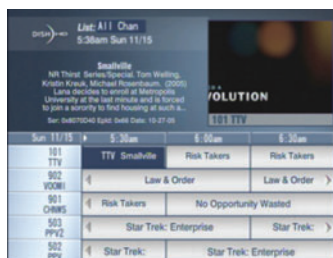


Connect an external hard drive to convert your DishHD STB to a DVR.
Visit www.DishHDAsia.com for more information on this feature. Feature not available on all models.

Digital Video Recorder (DVR) Functions



GUIDE



Highlight a future program in the Guide, press the **SELECT** button, and choose your recording options from the menu.



Tip: To record a program that is currently playing, press the **RECORD** button and follow the on-screen instructions.



Tip: Press the **DVR** button twice to quickly access your recorded programs.



Tip: To quickly access your DVR timer schedule, press the **DVR** button three times.



Tip: The DVR still records your programs when the DishHD STB is powered off.

Quick Start Guide



Notes:

Introduction



Chapter



- **WELCOME**
- **HOW TO USE THIS GUIDE**
- **WATCHING TV NOW**
- **ABOUT SATELLITE TV RECEPTION**
- **MOVING ONSCREEN LOGO**

WELCOME

Congratulations on choosing DishHD. You are about to experience the excitement and convenience of Direct Broadcast Satellite (DBS) service, which delivers the very best picture and sound quality. DishHD consistently provides the latest products and satellite-delivered services—with high performance, ease of operation, and a wide variety of entertainment options.

HOW TO USE THIS GUIDE

This guide is designed to help you become familiar with your DishHD 211t. This section explains how the guide is divided and the conventions used throughout.

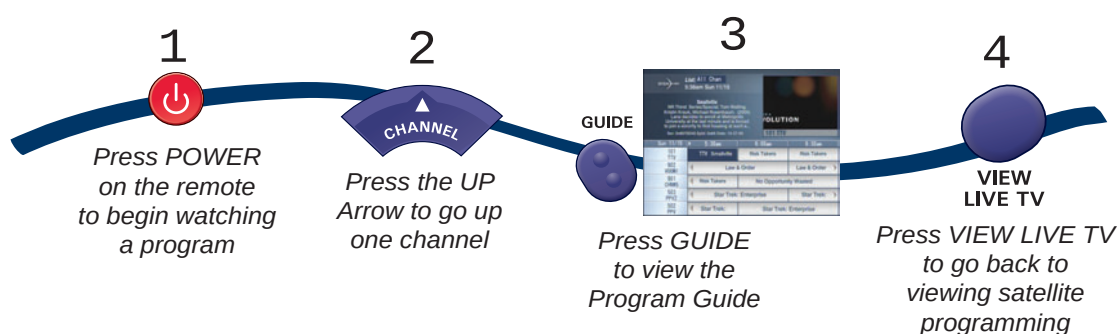
Guide Overview

The information in this guide is separated into chapters, making it easier to find information:

- *Chapter 1: Introduction* gives you a brief overview of your new DishHD 211t.
- *Chapter 2: DishHD 211t* explains the basic features of your system and how to use the remote control, front panel buttons, and back panel connections.
- *Chapter 3: Finding Programs to Watch* describes how to change channels and look for programs.
- *Chapter 4: Favorite Lists* explains how to create, name, and use favorites lists.
- *Chapter 5: Locks* explains how to set locks and passwords.
- *Chapter 6: Digital Video Recording* explains how to use the recording features of your DishHD 211t to maximize your viewing pleasure. This feature is only available with an external hard drive attached to your DishHD 211t.
- *Chapter 7: Timers* shows you how you can record and play back your favorite programs when you want to watch them.
- *Chapter 8: Remote Control* contains instructions for programming your remote to control your DishHD 211t and equipment like a TV, DVD, or VCR.
- *Chapter 9: Customizing Your DishHD 211t* shows you how to customize your DishHD 211t.
- *Chapter 10: Connections and Setup* explains how to connect your DishHD 211t to your TV and equipment like a DVD or VCR.
- *Reference* includes troubleshooting steps for common issues and remote control device codes.
- *Appendix* includes information on installing the tuner into the DishHD 211t.

Guide Conventions

- The names of remote control buttons are all uppercase.
Example: Press SAT.
- On-screen menu options are bold.
Example: Select **System Setup**.
- Select instructs you to move the highlight to an on-screen option or choice in a list and press SELECT on the remote control.
Example: Select the **Locks** option.
- The instructions in this guide are presented in one of two ways:
 - Instructions in the form of pictures are useful to learn something quickly. These steps are numbered left to right as shown in the sample below.
 - Instructions that are written out are helpful if you'd like to learn more details.

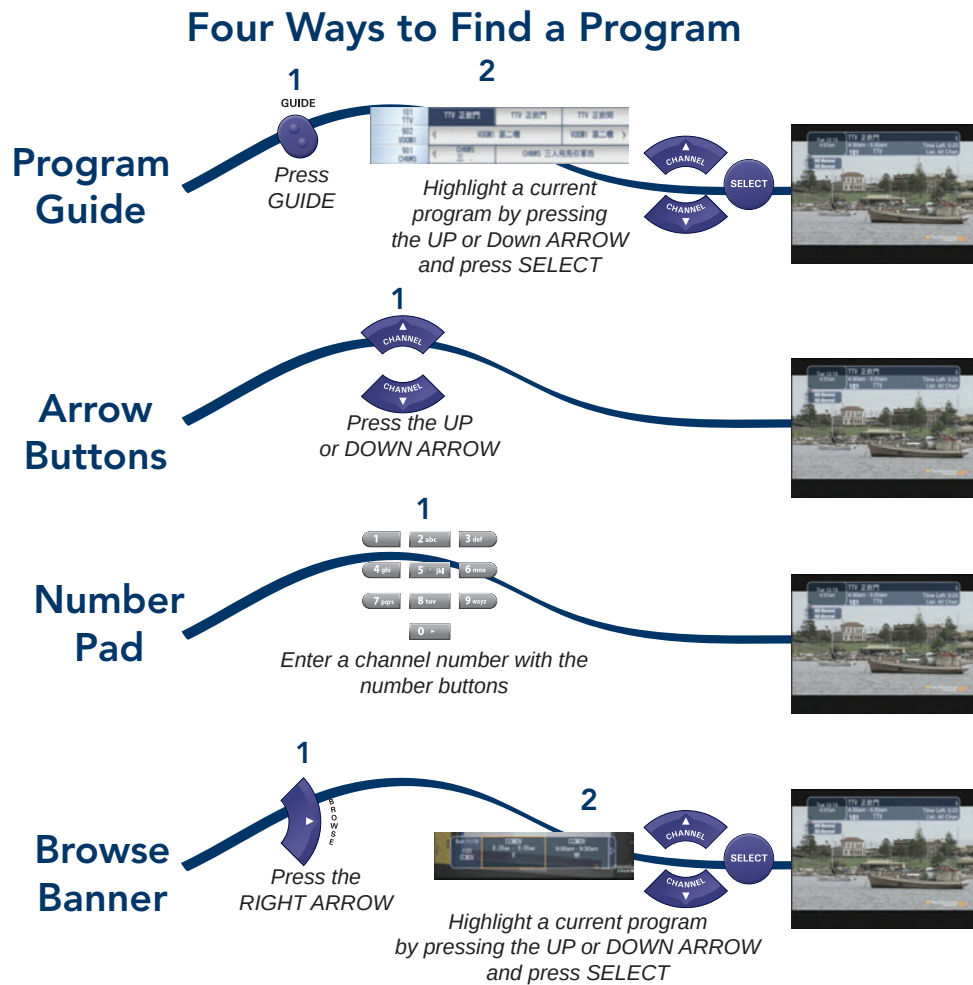


Chapter 1

Watching TV Now

WATCHING TV NOW

This section shows you the simplest ways to change channels on your DishHD 211t. If you want to know more about watching TV, see *Chapter 3: Finding Programs to Watch* starting on page 17.

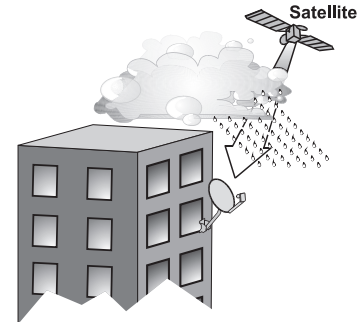


ABOUT SATELLITE TV RECEPTION

Satellite television uses satellites in a stationary orbit over the Earth to deliver television and audio programming. This type of orbit enables the satellites to stay aligned over one place on the surface of the Earth. Once the dish is aimed at the satellite, it does not have to move to follow it.

Rain and Inclement Weather Fade

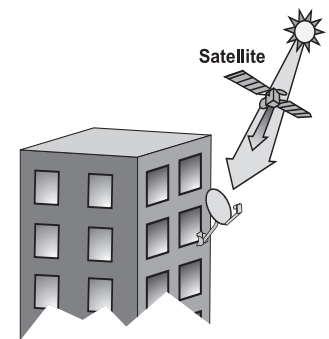
Heavy rain or dense cloud cover can reduce the satellite signal, which may interrupt your programming service. Your service will return after the weather condition has passed. Aiming the dish during installation to get the strongest signal helps prevent rain and dense cloud cover from interrupting the signal.



Solar Interference

Twice a year, the sun moves to a position behind the satellites as they orbit the Earth. This event occurs during a few days at the beginning of the spring and the beginning of the autumn and lasts only a few minutes.

During these brief periods, you are not able to view programs. When the sun has moved from behind the satellites, the programs reappear. This is an unavoidable natural event for all television involving the use of satellites and has an adverse effect on many program providers.



MOVING ONSCREEN LOGO

Whenever the DishHD 211t is turned off using the remote control or front panel POWER button, you see the DishHD logo moving around on your TV screen. This feature is included with your DishHD 211t to assure you that you can view programming from your satellite receiver. Press POWER or SELECT on the remote control to resume watching satellite TV programming.



Chapter 1

Tips



TIPS

- **Always have the latest software**—ensure DishHD 211t updates are enabled (see page 77) to keep your program guide and DishHD 211t updated.



QUESTIONS

- **How do I find something to watch?** Refer to page 4 for ways to view programs. For more information on finding something to watch, see *Chapter 3: Finding Programs to Watch*.
- **Why are some of the channels red in the Program Guide?** The channels that are red in the Program Guide are those which are not currently in your subscription. If you'd like to add those channels to your subscription, go to www.DishHDAsia.com.
- **I'm looking at program information in a guide I bought at the store, but nothing matches what's on my DishHD 211t, is something wrong?** No. DishHD programming may vary from what you'll find in a local publication. For best results, use the Program Guide on your DishHD 211t.

DishHD 211t

 Chapter **2**

- **REMOTE CONTROL**
- **FRONT PANEL**
- **BACK PANEL**
- **USING THE MENUS**

Chapter 2

Remote Control

REMOTE CONTROL

The remote control gives you easy access to all the features of your DishHD 211t. You can program the remote to control the DishHD 211t and up to three other devices (see page 59). These devices can be a TV, a VCR or DVD player, and another DishHD set-top box (STB).

The remote control uses infrared (IR) signals to control both the DishHD 211t and other devices that the remote is programmed to control.

IR signals travel only short distances (40 feet or less) and cannot go through walls or other solid objects. You must point the remote control directly at the device with no objects blocking the line of sight.

Remote Control Batteries

The remote control comes with four AAA batteries. When you replace old batteries, you should replace all the batteries at the same time and use batteries of the same type (for example, all alkaline or all carbon-zinc).

- 1 Press down on the top of the battery cover and slide the cover off.
- 2 Remove all the old batteries.
- 3 Put four new batteries in. Make sure you match the plus (“+”) ends with the plus markings on the battery case.

Note: The remote control cannot work with less than four AAA batteries.

- 4 Slide the cover back into place.



Low Battery Warning

When you see a low battery warning message on your screen below the Program Banner, the batteries in your remote control are weak and need to be replaced.



Helpful tip: Don't wait until the low battery warning appears to change the remote control batteries. If your remote control doesn't seem to be working very well (for example, if you have to press POWER more than once to turn the receiver on or off), it's a good indication that the batteries are getting weak.

Remote Control Buttons—SAT Mode

SAT Mode

To use the features described in this section, make sure you are in SAT mode by pressing the SAT Mode button.



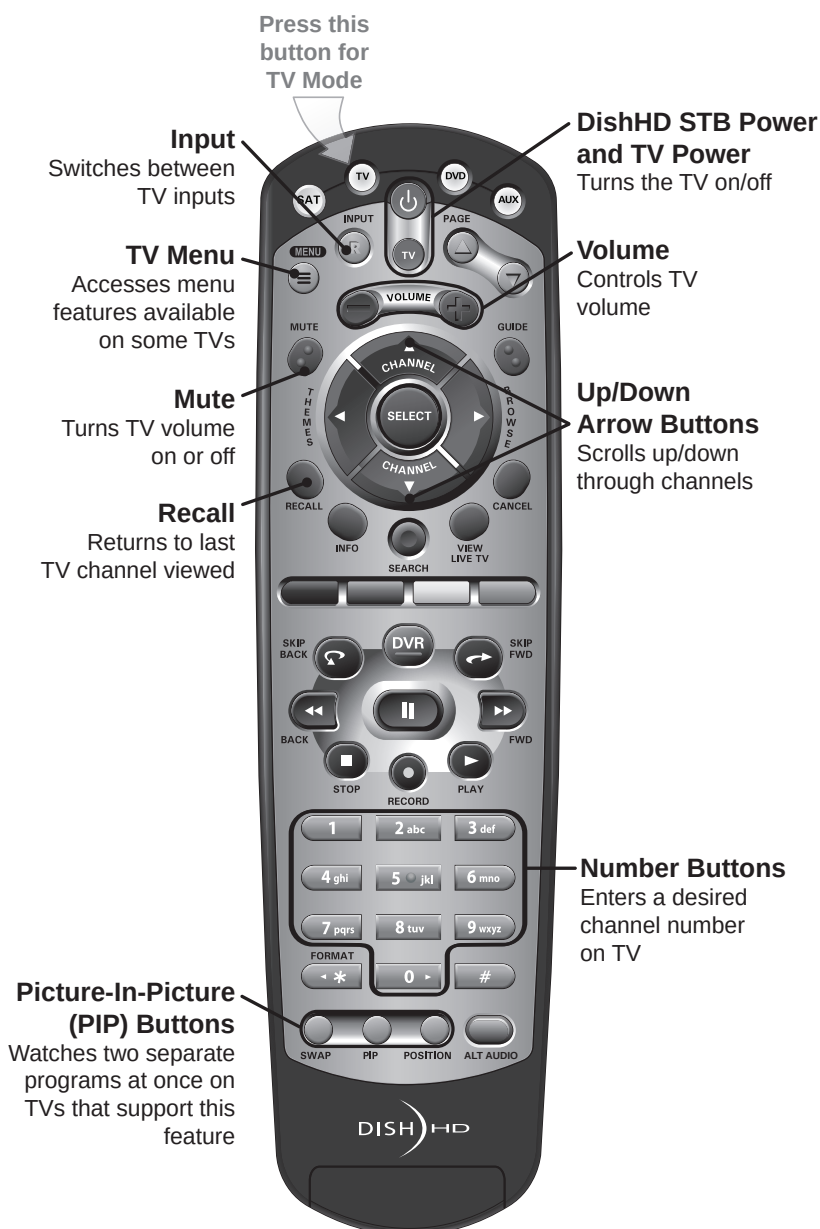
Note: Some features may not be available depending on your DishHD STB.



Remote Control Buttons—TV Mode

TV Mode

To use the features described in this section, make sure you are in TV mode by pressing the TV Mode button.  Remote programming is required (see Chapter 8).

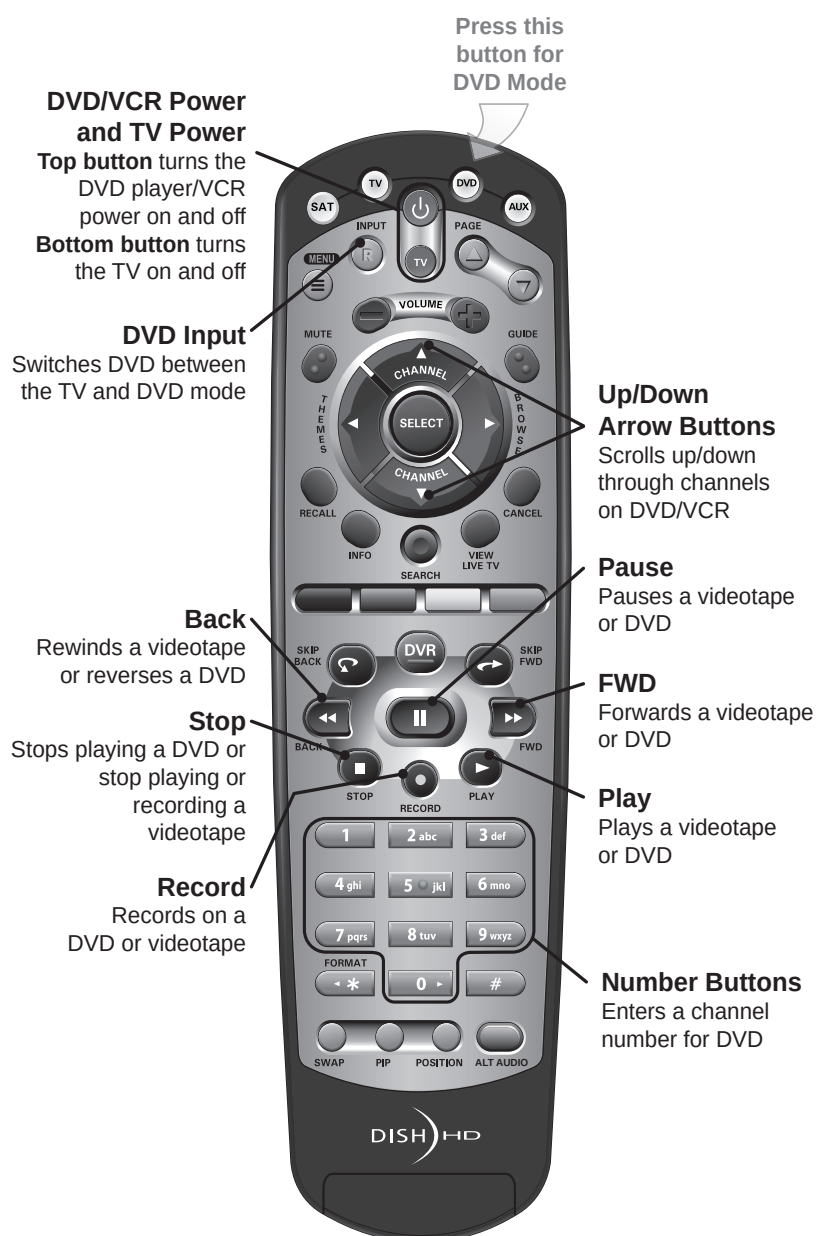


Note: To program your remote control to operate your TV, refer to the instructions on page 59.

Remote Control Buttons—DVD Mode

DVD Mode

To use the features described in this section, make sure you are in DVD mode by pressing the DVD Mode button. 
You can use this mode to operate your VCR instead of a DVD player.
Remote programming is required.

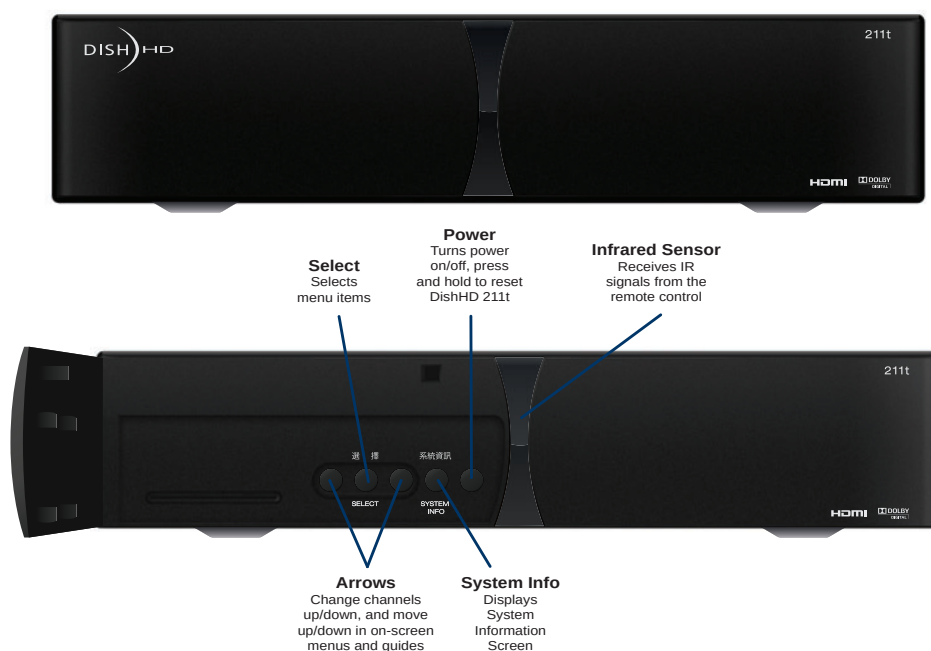


Note: To program your remote control to operate your DVD or VCR player, refer to the instructions on page 59.

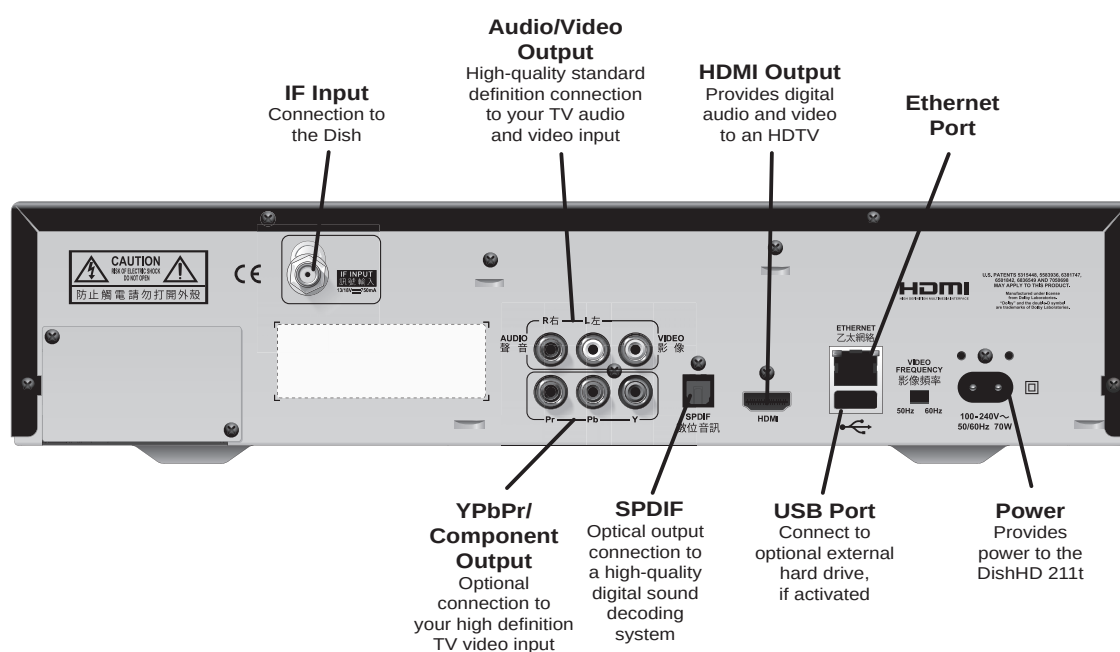
Chapter 2

Front Panel

FRONT PANEL



BACK PANEL



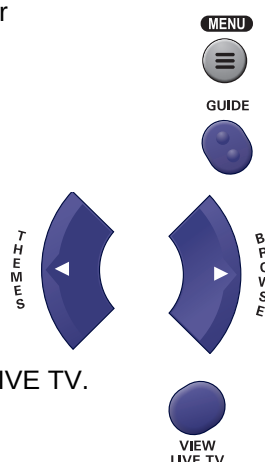
USING THE MENUS

The menus make using the DishHD 211t and selecting programs quick and easy. Use the menus to control the DishHD 211t and use its features, such as setting locks, choosing a program, or creating a favorites list.

Open and Close Menus

You can open the menus in either of two ways:

- Press MENU to open the Main Menu, then open any of the other menus from the Main Menu.
- Use the following buttons on the remote control:
 - Press GUIDE to open the Program Guide.
 - Press THEMES (LEFT ARROW) when watching a program to open the Themes and Search menu.
 - Press BROWSE (RIGHT ARROW) to display the Browse Banner.



To close a menu and return to watching a program, press VIEW LIVE TV.

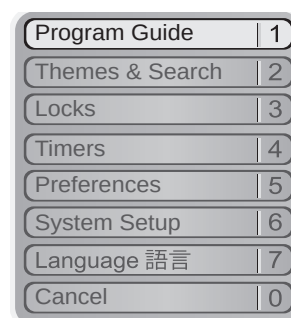
Highlighting Menu Options

To highlight a menu option, use the remote control ARROWS to move the on-screen highlight to the menu option. When you move the onscreen highlight, the highlighted option becomes amber in color.

Selecting Menu Options

When you select a menu option, that option takes effect right away. You can select a menu option in either of two ways:

- If the option has a number next to it, press the number on the NUMBER PAD button that matches this number. When you use the NUMBER PAD, you do not need to highlight the option first.
- Move the highlight to the menu option using the remote control ARROWS. Then press SELECT. In the example, which is the menu that displays when an external hard drive is not attached, **Program Guide** is highlighted.



Note: If you attach an external hard drive, your Main Menu looks different from the one displayed.

Chapter 2

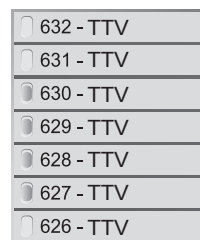
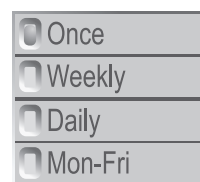
Using the Menus

List of Choices in the Menu

When you make a choice in a list, the DishHD 211t does not apply the change until you select **Done**. If you do not want to save any changes, select CANCEL to discard all the changes made in the menu.

There are two types of lists:

- A single choice list allows you to select only one choice at a time. If you select another choice, your previous choice is deselected.
- A multiple choice list allows you to select more than one choice at one time. If you select another choice, your previous choice(s) stays selected.



Canceling a Procedure

You can cancel a procedure in either of two ways:

- If you want to return to watching a program, press VIEW LIVE TV.
- If you want to return to the previous menu, press CANCEL.

Wait a few minutes and the menu closes automatically, discarding any changes you have made.





TIPS

- If you do not do anything in a menu for several minutes, the menu automatically closes. This discards any changes you made and displays the program you were watching.
- Keep from accidentally changing the channel or input on your TV by programming the remote in Limited Mode (see page 59).



QUESTIONS

Why does my remote control not work?

- Make sure the remote control is in the right mode (see page 59).
- Make sure you are pointing the remote directly at the DishHD 211t (or TV, DVD, or VCR player).
- Make sure the batteries are good (see page 8).

NOTES

Finding Programs to Watch



Chapter 3

- **CHANGING CHANNELS**
- **USING THE PROGRAM GUIDE**
- **USING THE BROWSE BANNER**
- **FINDING A PROGRAM BY ITS THEME**

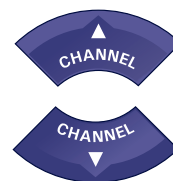
Chapter 3

Changing Channels

CHANGING CHANNELS

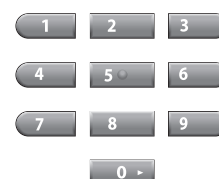
Using the Up and Down Arrows

While watching TV, press the UP and DOWN ARROWS on your remote control to change channels one channel at a time. You can also change the channels the same way using the UP and DOWN ARROWS on the receiver front panel.



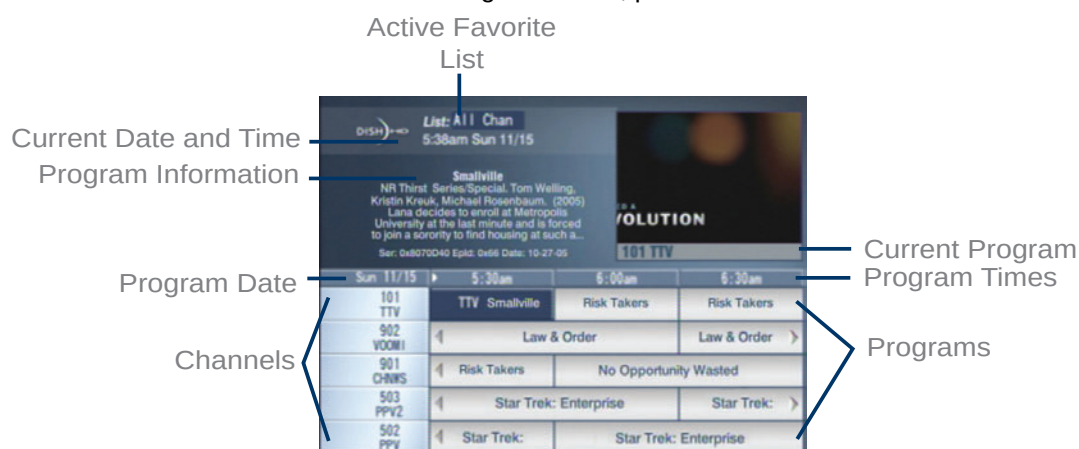
Entering a Channel Number

While watching TV, if you know the specific channel you want to watch, enter the channel number using the NUMBER PAD on the remote control.



USING THE PROGRAM GUIDE

You can use the Program Guide to see what programs are on, to change channels, and to schedule timers. To access the Program Guide, press GUIDE.

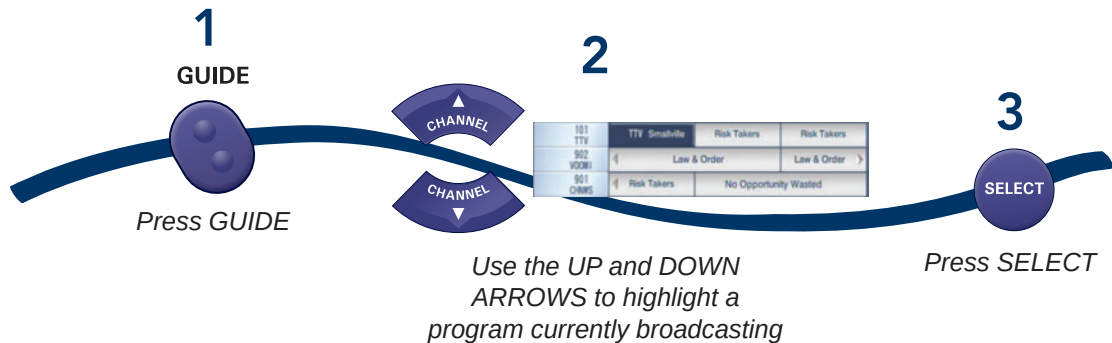


- A red background behind a channel usually means you have not subscribed to the channel. After you subscribe to a channel, you can tune to it. To subscribe to a channel, please call your retailer.
- The Program Guide shows which Favorites List is active. If All Chan is active, the Program Guide shows all the channels. The All Sub list shows only the channels in your subscription. If you activate another list, the Program Guide shows only the channels on that list. See page 24 for information on Favorites Lists.

Finding Programs to Watch

Using the Browse Banner

- The Program Guide displays programs on now and coming on within the next two days. The guide does not show programs that have ended.

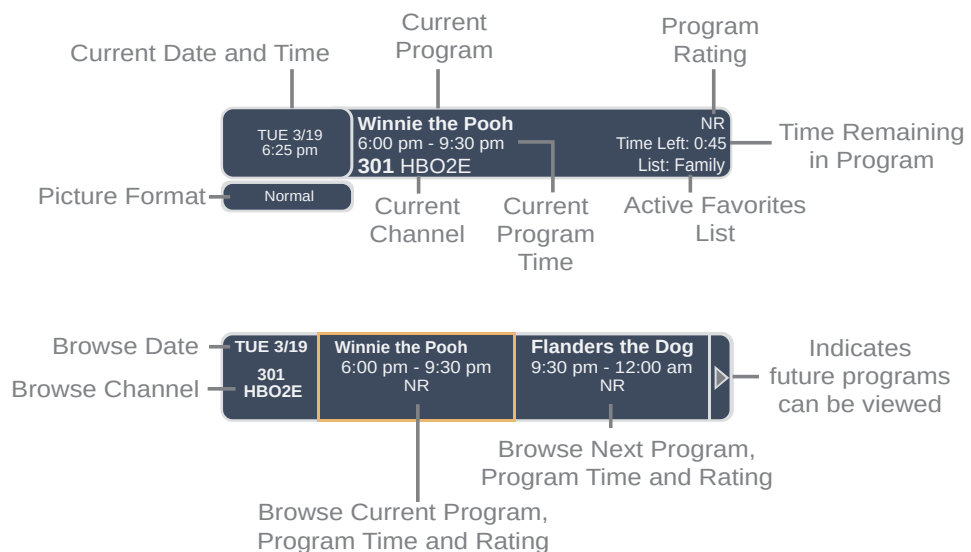


While using the Program Guide, you can:

- Press PAGE UP or PAGE DOWN to move a page of channels at a time.
- Enter the number of hours you want to skip forward or backward in the schedule, and then press the RIGHT/LEFT ARROW to move forward or back in the schedule.
- To quickly jump 24 hours forward or backward in the program guide, press the SKIP FWD or SKIP BACK buttons to move forward or back in the schedule.

USING THE BROWSE BANNER

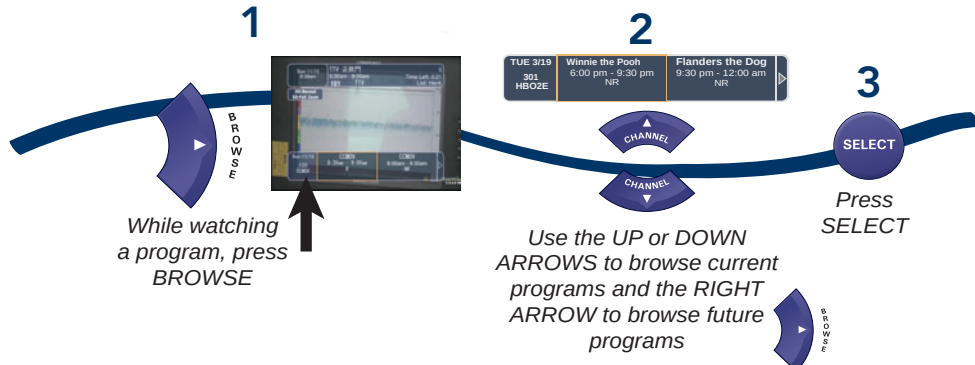
Use the Browse Banner to see what other programs are on without missing the program you are watching. When the Browse Banner is open, the Program Banner information on the current program displays at the top of the screen and on the left side of the Browse Banner at the bottom of the screen. The bottom right of the screen contains information on the next program on the same channel.



Chapter 3

Finding a Program by its Theme

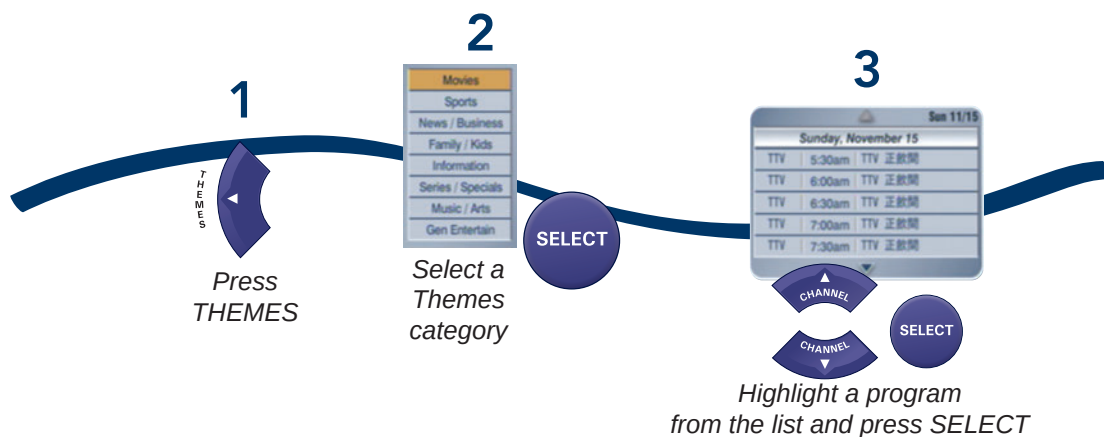
To see what is coming up on other channels, press the UP or DOWN ARROW while the Browse Banner is open.



If you select a current program, the DishHD 211t tunes to that channel. If you choose a future program, the Create Timer screen displays. See *Chapter 6: Digital Video Recording* on page 35 for more information.

FINDING A PROGRAM BY ITS THEME

You can list and choose programs by the theme of their contents, for example, just movies or just sports. You can then quickly list programs based on that theme and choose the program you want.



If you select a program that is on now, the DishHD 211t tunes to that program. If you choose a future program, the Create Timer screen displays. See *Chapter 6: Digital Video Recording* on page 35 for more information.



TIPS

- Press INFO to get more information about the program you highlighted.
- Press VIEW LIVE TV to cancel almost any screen and return to watching TV.
- Skip forward 24 hours (and then back again) at a time in the Program Guide by pressing the SKIP FWD (SKIP BACK) button on the remote control.



QUESTIONS

- **How can I customize the Program Guide to show only my favorite channels?**
You can set up a Favorites List as described on page 24. You can change how the Program Guide is displayed (size of text, number of programming hours displayed, etc.) as described on page 73.
- **Why are some of my channels missing?**
 - You may have locked or hidden the channels. See *Chapter 5: Locks* on page 33 for information on locking and unlocking the DishHD 211t.
 - You may have the wrong list showing in the Program Guide. Press GUIDE to open the Program Guide. Press GUIDE again to select the next Favorites List. Press GUIDE repeatedly to scan through all the available lists. See Favorites Lists on page 24 for more information.

NOTES

Favorites Lists

4



Chapter

4

- **WHAT ARE FAVORITES LISTS?**
- **CREATING OR CHANGING FAVORITES LISTS**
- **NAMING FAVORITES LISTS**
- **USING FAVORITES LISTS**

Chapter 4

What are Favorites Lists?

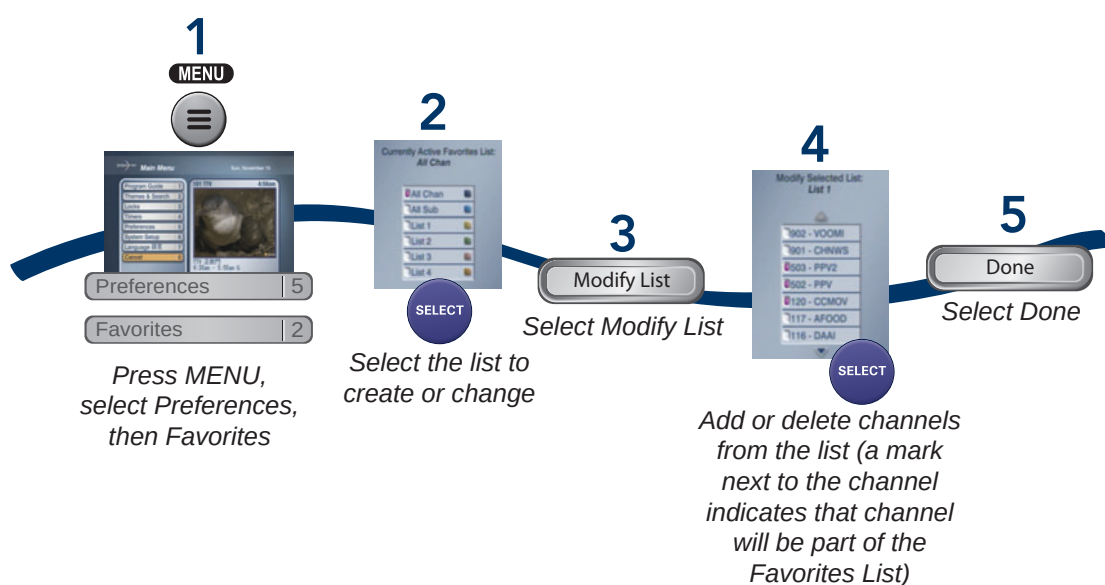
WHAT ARE FAVORITES LISTS?

Favorites Lists are lists of your favorite channels. You can create and change the lists yourself, adding and removing channels as you wish. Your favorite channels can be grouped in up to four lists.

- When using a Favorites List, the Program Guide and Browse Banner display only the channels in that Favorites List. Also, when you use the remote control UP or DOWN ARROW to change channels, the DishHD 211t skips channels that are not on the list.
- The **All Chan** list contains all the channels, including channels not in your current subscription. You cannot make any changes to the All Chan list.
- The **All Sub** list contains all the channels in your subscription. You cannot make any changes to the All Sub list, except by changing your subscription.
- Each Favorites List has a unique color in the Program Guide. You can give each list a name. When you first get the DishHD 211t, the four lists are named List 1, List 2, List 3, and List 4. The lists are empty until you add channels to them.
- If you choose a program using Themes or by entering a channel number using the remote control, the DishHD 211t tunes to the channel for that program whether or not that channel is on the active Favorites List.

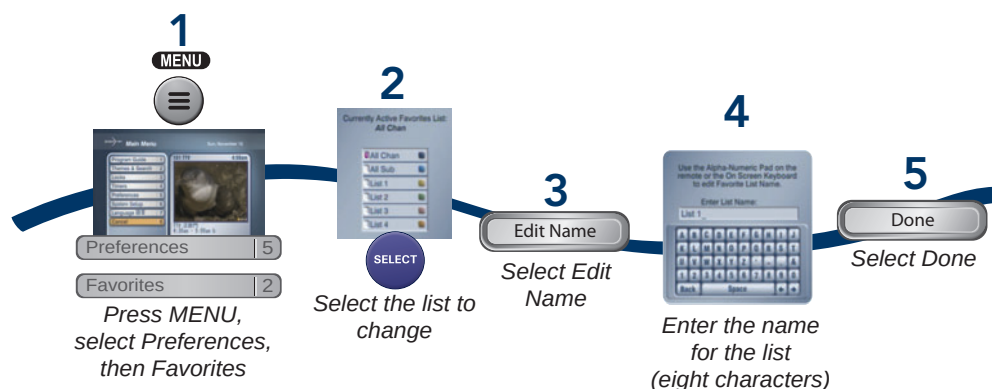
CREATING OR CHANGING FAVORITES LISTS

You can create, add channels to, and remove channels from a Favorites List. When you activate your Favorites List (see page 25), only those channels in your list are shown in the Program Guide and Browse Banner.



NAMING FAVORITES LISTS

You can name your Favorites Lists whatever you want, up to eight characters in length.



4

USING FAVORITES LISTS

Press GUIDE to open the Program Guide. Press GUIDE again to select the next Favorites List. Press GUIDE repeatedly to scan through all the available lists.

GUIDE



TIPS

- Two lists cannot have the same name.
- Pressing GUIDE to switch Favorites Lists works only if you have added channels to the Favorites List. If you have not created a Favorites List, pressing GUIDE switches the DishHD 211t between the **All Chan** and **All Sub** Lists.
- Channels that are locked and hidden do not display in Favorites Lists.



QUESTIONS

Why are channels missing from the Program Guide?

- You might have a Favorites List that does not contain those channels. Press GUIDE until the All Chan or All Sub list displays.
- You might have channels locked and hidden.

NOTES

Locks

DISH  HD Chapter **5**

5

- **WHAT ARE LOCKS?**
- **CREATING OR CHANGING RATINGS LOCKS**
- **CREATING OR CHANGING CHANNEL LOCKS**
- **HIDING LOCKED CHANNELS**
- **LOCKING OR UNLOCKING THE FRONT PANEL**
- **CREATING OR CHANGING A PASSWORD**
- **LOCKING AND UNLOCKING YOUR DISHHD STB**

WHAT ARE LOCKS?

Locks allow you to password-protect programming based on ratings or on a channel-by-channel basis. The following occurs when you have locked the DishHD 211t:

- If you try to access a locked item or open the Locks menu, the DishHD 211t displays a message prompting you to enter the password.
- The DishHD 211t allows you three attempts to enter the correct password. If you fail to enter the correct password before the fourth attempt, the DishHD 211t does not allow you to try again for several minutes.
- If you enter the correct password, you can access the locked item or open the Locks menu.
- If you exit a locked item or close the Locks menu, you must enter the password to access the item again.

Locking the DishHD 211t is a two-step process:

1 Create the locks that you want.

- Ratings Locks—locks programs based on ratings.
- Channel Locks—locks channels regardless of content.
- Hide Locked—hides locked channels from being displayed in the Program Guide and other channel lists.
- Front Panel Lock—prevents the front panel buttons from being used.

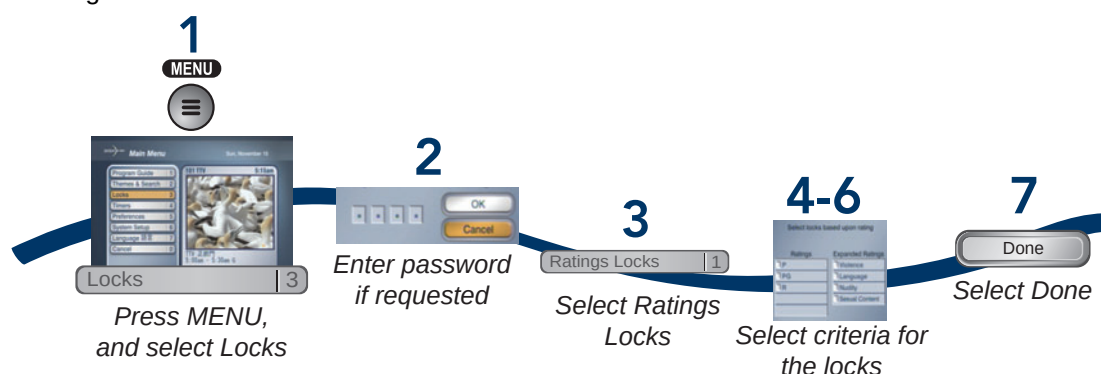
2 Lock the DishHD211t.

When the DishHD 211t is locked, anyone who wants to access locked items must enter the password. See page 32.

CREATING OR CHANGING RATINGS LOCKS

You can lock programs based on Regulations Governing the Classification of Television Programs of the Republic of China (NCC) ratings (G, P, PG, R, etc.) and expanded ratings (violence, language, etc.).

Note: The rating NR means Not Rated or No Rating. The designation of NR can appear for films released before ratings were required, or it can appear when there is loss of signal.



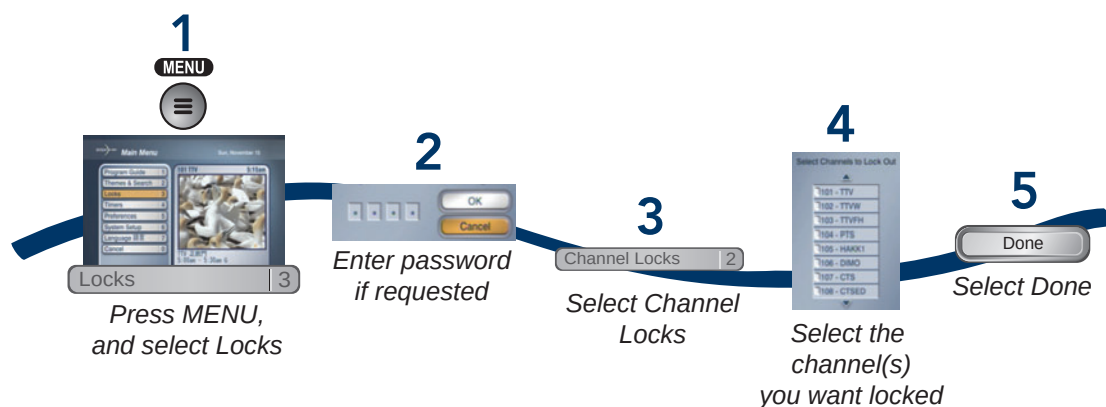
- 1** Press MENU and select **Locks**.
- 2** If the DishHD 211t is locked, enter the password using the NUMBER PAD. Select **OK**.
- 3** Select **Ratings Locks**.
- 4** Highlight the least restrictive rating that you want to block. Press SELECT to lock the highlighted rating and all ratings more restrictive than it (for example, locking the PG rating automatically locks the R rating).
- 5** Select the expanded rating code(s), if you want to also lock these ratings.
- 6** To unlock a rating code, select the code.
- 7** Select **Done**. Make sure the DishHD 211t is locked as described on page 33.

Chapter 5

Creating or Changing Channel Locks

CREATING OR CHANGING CHANNEL LOCKS

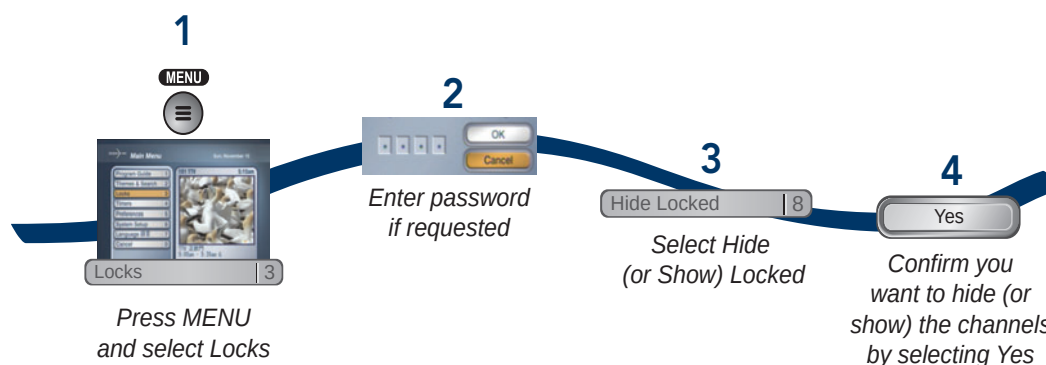
You can lock any channel. This type of lock keeps individuals from viewing these channels unless they enter the correct password.



- 1** Press **MENU** and select **Locks**.
- 2** If the DishHD 211t is locked, enter the password using the **NUMBER PAD**. Select **OK**.
- 3** Select **Channel Locks**.
- 4** Highlight and select each channel that you want to lock or unlock. Press **UP** or **DOWN ARROW** to highlight the channel. You can also move to each channel number using the **NUMBER PAD**. If the checkbox next to the channel has a checkmark, the channel is locked.
- 5** Select **Done**. Make sure the DishHD 211t is locked as described on page 33.

HIDING LOCKED CHANNELS

When you hide locked channels, you prevent the Program Guide, Themes lists, and the Browse Banner from displaying locked channels. Locking channels also prevents anyone from choosing these channels by using the UP or DOWN ARROWS or the remote control NUMBER PAD.



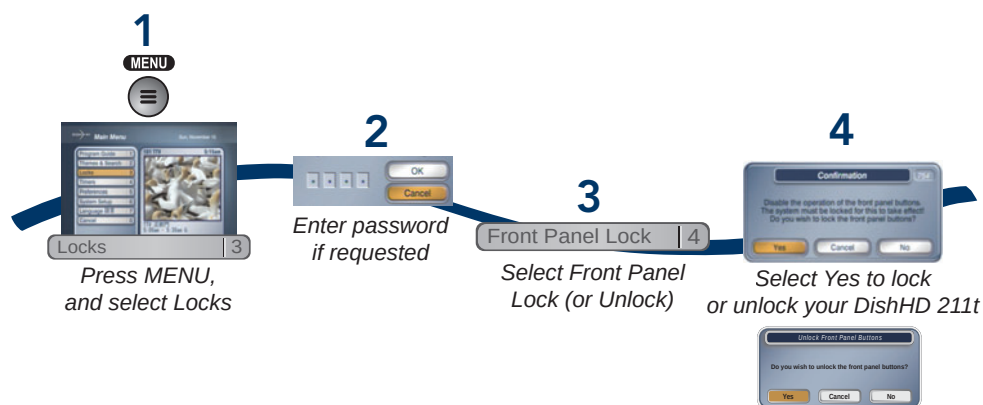
- 1** Press **MENU** and select **Locks**.
- 2** If the DishHD 211t is locked, enter the password using the **NUMBER PAD**. Select **OK**.
- 3** Select **Hide Locked** to remove locked channels from the channel lists or **Show Locked** to display locked channels in channel lists.
- 4** Select **Yes**. Make sure the DishHD 211t is locked as described on page 33.

Chapter 5

Locking or Unlocking the Front Panel

LOCKING OR UNLOCKING THE FRONT PANEL

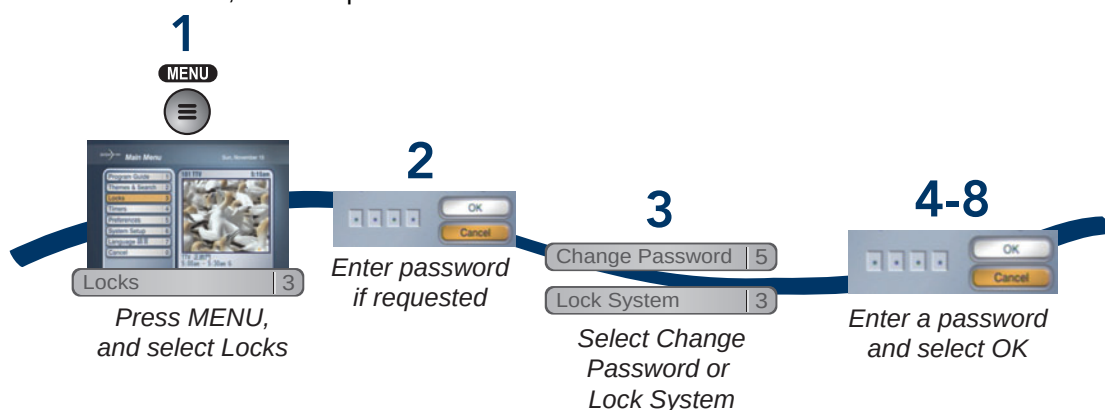
This lock keeps anyone from using the front panel buttons unless they enter the correct password, but it does not lock the remote control buttons.



- 1 Press **MENU** and select **Locks**.
- 2 If the DishHD 211t is locked, enter the password using the **NUMBER PAD**. The DishHD 211t displays stars (*) as you enter the digits of the password. Select **OK**.
- 3 Select **Front Panel Lock** to lock or unlock the front panel.
- 4 Select **Yes**. Make sure the DishHD 211t is locked as described on page 33.

CREATING OR CHANGING A PASSWORD

To use locks, create a password first.

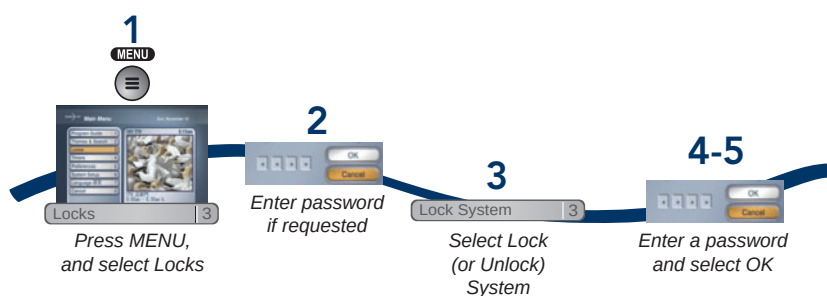


- 1 Press **MENU** and select **Locks**.

- 2 If the DishHD 211t is locked, enter the password using the NUMBER PAD. The DishHD 211t displays stars (*) as you enter the digits of the password. Select **OK**.
- 3 To change your password, select **Change Password**. To create a new password, select **Lock System**.
- 4 If requested, enter the current password using the NUMBER PAD. Select **OK**.
- 5 Press **SELECT**.
- 6 Enter the new password using the NUMBER PAD. Select **OK**.
- 7 Enter the new password again for confirmation, using the NUMBER PAD. The DishHD 211t displays stars (*) as you enter the digits of the password. Select **OK**.
- 8 Memorize the new password. From now on, you must enter this password to lock or unlock the DishHD 211t. If you forget your password, call the DishHD Customer Service Center.

LOCKING AND UNLOCKING YOUR DISHHD STB

You must lock the DishHD 211t for any DishHD 211t locks you set to take effect. To lock the DishHD 211t, you must first create a password (see *Creating or Changing a Password*). Be sure to refer to this section whenever you set any lock on your DishHD 211t.



- 1 Press **MENU** and select **Locks**.
- 2 If the DishHD 211t is locked, enter the password using the NUMBER PAD. The DishHD 211t displays stars (*) as you enter the digits of the password. Select **OK**.
- 3 Select **Lock System** or **Unlock System**. If you are locking the DishHD 211t, the DishHD 211t displays a message prompting you to enter a password.
- 4 Enter a password, using the NUMBER PAD. The DishHD 211t displays stars (*) as you enter the digits of the password. Select **OK**.
- 5 Confirm the password by re-entering it. Select **OK**. All the locks you have set are now in effect.

Tips



TIPS

- If the DishHD 211t displays a message prompting you to enter a password, the DishHD 211t is locked.
- When you lock a rating, you also lock all other more restrictive ratings. For example, if you lock PG rated programs, then all programs with the R ratings are also locked.



QUESTIONS

- **Why didn't a lock I set take effect?** You have to lock the DishHD 211t for any lock you set to take effect. See page 33 for details.
- **What do I do if I forget my password?** If you forget your password, you will need to contact the DishHD Customer Service Center.

Digital Video Recording



Chapter

6

6

- **DIGITAL VIDEO RECORDING**
- **GETTING STARTED WITH DVR**
- **USING DVR**
- **PAUSING A PROGRAM**
- **REVERSE, FAST FORWARD, AND SKIP**
- **SLOW MOTION AND FRAME-BY-FRAME**
- **RECORDING A LIVE PROGRAM**
- **PLAYING A RECORDED PROGRAM**
- **RECORDING WHILE WATCHING A RECORDED PROGRAM**
- **DELETING RECORDED PROGRAMS**
- **GROUPING AND SORTING RECORDED PROGRAMS**
- **REMOVING EXTERNAL HARD DRIVE**

DIGITAL VIDEO RECORDING

Digital Video Recording (DVR) lets you decide how you watch TV. You can record and play back audio and video with full digital quality. You can pause a live program and not miss any of the action, or you can record a program to watch later.

With DVR, you can now view up to nine days of programming on the Program Guide rather than just two days, making it easy to set up timers to record the programs that you want to watch.

You can take advantage of this feature by adding a USB 2.0 external hard drive to your DishHD 211t so you can now record and store programs. Contact your DishHD retailer for additional information about this service.

In Chapter 7, there is information about setting up timers to record and play back your favorite programs when you want to watch them.

Getting Started with DVR

GETTING STARTED WITH DVR

- 1 Purchase a USB 2.0 hard disk drive (HDD) from your local consumer electronics store.

The external hard disk drive must have the following features:

- 500 GB minimum external HDD units
- USB 2.0

Note: Most brand-name external hard drives are compatible. Do-it-yourself kits and expandable racks may not be compatible. Suggested HDD size: 500GB to 2TB; only compatible with HDD under 2TB. We recommend using hard drives that have an external power source. We do not recommend USB powered hard drives.

- 2 Connect the external hard drive to the DishHD 211t's USB 2.0 port. Be sure to follow the hard drive manufacturer's connection instructions.
- 3 If the hard drive is compatible, a pop-up message appears on your TV screen asking if you want to activate the DishHD DVR. Call DishHD Customer Service Center to pay a one-time DVR fee.
- 4 After the DVR feature is activated, a confirmation pop-up message appears. Select **OK** on the pop-up message.
- 5 A pop-up message appears on your TV screen asking if you want to reformat the drive and restart your DishHD 211t . Your external hard drive needs to be reformatted before it can be used for the DVR feature.

If you select **Yes**, anything stored on the hard drive is erased. It may take a few minutes for your DishHD 211t to restart and acquire a satellite signal and account authorizations.

If you select **No**, the drive is not formatted. The DishHD 211t returns to the previous channel, and you are not able to use DVR. If you select **No**, you cannot use the external hard drive for DVR until you select **Yes** and the drive is reformatted. To get the pop-up message to reappear so you can select **Yes**, reconnect the USB cable or turn off and turn on the external hard drive.

Considerations

Please keep the following considerations in mind while using DishHD's DVR.

- Adding a DVR is currently supported on only the DishHD 211t. Your device model is listed on the System Info screen (accessed by pressing MENU on your remote control and then pressing 6-1-3).
- The external hard drive must be dedicated for use only with the DishHD 211t—do not use the drive for other purposes (for example, connecting to your computer).
- You can use an external hard drive that has existing material stored on it as long as it meets the requirements listed under *Getting Started with DVR*. However, it needs to be reformatted when you connect it to your DishHD 211t in order to support the DVR. Reformatting the drive deletes any existing material on it.
- Copy protection restrictions apply to content recorded by the DishHD 211t onto the external hard drive.
- Ensure the external hard drive is kept in a cool, well-ventilated location for optimum external hard drive longevity.
- Do not move the drive while it is on. To move the drive, see *Removing External Hard Drive* on page 45 for instructions.

Using DVR

USING DVR

The Digital Video Recorder (DVR) features let you watch TV the way you want. You can pause, reverse, or skip back through a program. Then you can continue watching TV. Also, you can record and play back a program with full digital audio and video quality, without using a VCR.

For example, if you get a phone call while you are watching a live or pre-recorded program, you can pause the program, talk on the phone for an hour, restart the program, and not miss any of the action.

You can move through a program forward and backward in slow motion or frame-by-frame using the DVR's auto recording features while watching live or recorded programs.

PAUSING A PROGRAM



On some TVs, the presence of fixed images for extended periods of time may cause them to permanently imprint on the screen. Consult your TV user's guide for information on whether this is a problem for your TV, what operating/viewing restrictions apply to avoid this problem, and associated TV warranty coverage.

For a live program, the onscreen pause timer shows how long you've paused the program. The pause timer shows how far you're behind the live program. You can pause a live program for up to one hour. If you think you might be away from the TV for more than an hour but don't want to miss any of the program, consider recording the program (see page 41).



Chapter 6

Reverse, Fast Forward, and Skip

REVERSE, FAST FORWARD, AND SKIP

This section describes how to use the DVR buttons to move forward and back quickly while you watch TV.



Press BACK once to reverse the program 4 times as fast as normal play. Press BACK twice to reverse at 15 times normal speed, three times to reverse at 60 times normal speed, and four times to reverse at 300 times normal speed. The on-screen bar shows how far you've gone. For a live program, you can only reverse back to the last channel change or back one hour, whichever occurs first.



Press FWD (forward) once to fast forward through the program 4 times normal speed. Press FWD twice to forward at 15 times normal speed, three times to forward at 60 times normal speed, and four times to forward at 300 times normal speed. The on-screen bar shows how far you've gone. Of course, you can't "forward" into the part of a "live" program that has not been broadcast yet.



Press SKIP BACK to skip back in the program you are viewing.



Press SKIP FWD to skip ahead in the recorded or delayed program you are viewing.

SLOW MOTION AND FRAME-BY-FRAME

DVR gives you features that allow you to slow down live TV. This section describes how to use the DVR buttons to use slow motion and frame-by-frame advance or reverse while you watch TV. Press PLAY to exit any of the features described below.



Press PAUSE and then press BACK to reverse the program in slow motion. Press BACK once to reverse the program 1/4 the speed of normal play. Press BACK twice to reverse at normal speed.



Press PAUSE and then press FWD to forward the program in slow motion. When you press FWD once the program advances at 1/15 the speed of normal play. Press FWD twice to forward at 1/4 as fast as normal play. Press FWD three times to play the program. Of course, you can't "forward" into the part of a "live" program that has not been broadcast yet.



Press PAUSE and then press SKIP BACK repeatedly to reverse the recording frame-by-frame.



Press PAUSE and then press SKIP FWD repeatedly to advance the recording frame-by-frame.

Recording a Live Program

RECORDING A LIVE PROGRAM

Use these steps to record a live program. Keep in mind, if you tune to a program after it starts, you can record only the part of the program after you tune to it.



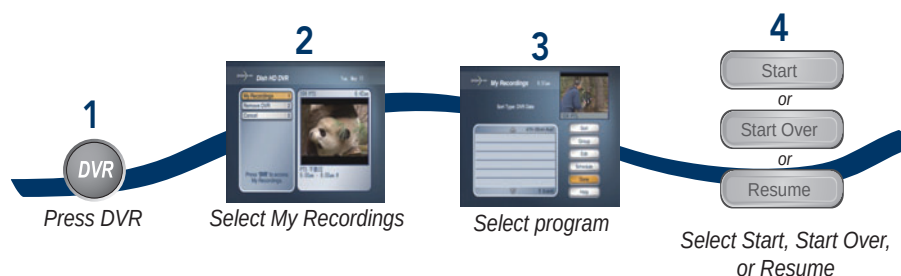
Note: Programs recorded in High Definition (HD) require up to six times more storage space than programs recorded in Standard Definition (SD).

- 1** Press RECORD on the remote control.
- 2** Select **OK** to record the current program. Select **Options** to set up when and what you want to record. When you record a live program, you have the following recording options available:
 - **Stop Recording Manually**—The STB records until you press STOP.
 - **Extend End Time**—You can extend the stop time for the recording. Choose this option for programs that might run into overtime, like sporting events or awards shows.
 - **Create Recurring Timer**—You can set up a timer that automatically records a program. Refer to *Setting Up an Automatic Timer* on page 53.
 - **Record the Entire Event**—The STB stops recording at the end of the event. This option is available only if the STB is tuned to the channel at the beginning of the program.
- 3** Select **OK**.

Chapter 6

Playing a Recorded Program

PLAYING A RECORDED PROGRAM



- 1** Press DVR two times (or press DVR and select **My Recordings**).
- 2** Select a program to view.
Note: To start viewing a program from the beginning, press PLAY on the remote control.
- 3** Select **Start**, **Start Over**, or **Resume**.

RECORDING WHILE WATCHING A RECORDED PROGRAM

You can set up the DishHD 211t to record one live satellite program while watching a program you've already recorded.



- 1** Press GUIDE to open the Program Guide. Find a current program you want to record now.
- 2** Press SELECT to tune to that program.
- 3** Press RECORD.
- 4** Select **OK** to begin recording now or **Options** to customize your recording settings.
- 5** If you selected **Options**, see *Recording Options* for your choices. Select **OK**.

Deleting Recorded Programs

- 6 Press DVR twice on the remote control. The My Recordings screen opens. You should see the program that is recording indicated by the red dot next to the listing.
- 7 Select a program that you recorded earlier and start the playback.
- 8 You should now be watching a pre-recorded program while the DishHD 211t is recording the other program.

Recording Options

When you set up a timer, you can choose from the following options:

- **Stop Recording Manually**—The DishHD 211t records until you press STOP. If you forget to press STOP, you may fill your hard drive with one recording.
- **Extend End Time**—You can extend the stop time for the recording. This option is useful for programs that might run overtime, like sporting events or awards shows.
- **Create a Recurring Timer**—You can set up a timer like the one described on page 53.
- **Record the Entire Event**—The DishHD 211t stops recording at the end of the event. This selection is available only if the DishHD 211t is turned on and tuned to the channel at the beginning of the program.

Note: If you tune to a program after it has begun, then you can record only the part of the program after you tuned to it.

6

DELETING RECORDED PROGRAMS

Use these steps to delete previously-recorded programs.



- 1 Press DVR two times (or press DVR and select **My Recordings**).
- 2 To delete multiple programs, select **Edit**.
- 3 Highlight and select the programs you want to remove, then select **Delete**. Select **Yes** to confirm you wish to delete the programs.

GROUPING AND SORTING RECORDED PROGRAMS



- 1 Press DVR twice (or press DVR and select **My Recordings**).
- 2 Choose a group or sort option to help you quickly find the program you want to watch.
 - To group programs into folders, select **Group**, then select a Group Option.
 - To sort programs by name, date, or other categories, select **Sort**, then a Sort Option.

The **My Recordings** list rearranges itself to match your sorting or grouping selection.

Removing External Hard Drive

REMOVING EXTERNAL HARD DRIVE

If you want to remove the external hard drive from the DishHD 211t, complete the following steps.



- 1** Press MENU.
- 2** Select **Dish HD DVR**.
- 3** Select **Remove DVR**. If a recording is in progress or if you are scheduled to record a program in the next few minutes, the following message displays:



- 4** Select **OK**. The system returns to the My Recordings screen. Select **My Recordings**, select the program that is currently being recorded and select **Stop Rec**. Select **Done**. Press DVR and select **Remove DVR** to continue.

Chapter 6

Tips

If no recordings are scheduled, the following message displays after selecting **Remove DVR**:



- 5 Select **Yes** to continue or **Cancel** or **No** to stop the procedure.
- 6 If you selected **Yes**, a pop-up window displays when it is safe to unplug the external hard drive.
- 7 Disconnect the external hard drive from the DishHD 211t's USB port. It takes a few minutes for the DishHD 211t to reset and come back on.



TIPS

- If you have a program paused, press PLAY or PAUSE to continue watching the program. Also, press PLAY to switch from forward or reverse to play.
- Press VIEW LIVE TV to catch up with the program as it's showing now.



QUESTIONS

- **How can I fast forward through commercials?** If you are watching a pre-recorded program or if you have delayed a live program, press SKIP FWD or FWD on your DishHD remote control. However, you cannot skip ahead while watching live TV.

Timers



Chapter

7

- **TIMERS**
- **USING THE TIMERS LIST**
- **USING THE DAILY SCHEDULE**
- **SETTING UP AN AUTOMATIC TIMER**
- **SETTING UP A MANUAL TIMER**
- **DELETING A DVR TIMER**
- **DELETING A TIMER**

TIMERS

A timer is your instruction telling the DishHD 211t the programs you want to view in the future. For most DVD/VCR or DVR (if you have attached an external hard drive and activated your account) timers, you select a specific program on a specific channel and tell the DishHD 211t how often you want to record that program. If using a DVD/VCR to record to, be sure to set up the DishHD 211t to control your DVD/VCR. If you do not have an external hard drive attached to your DishHD 211t, then you can use a timer to remind yourself when a program that you want to watch is about to begin.

Only for external hard drive: DVR recordings are listed in the My Recordings screen, which you can find quickly by pressing the remote control's DVR button twice or pressing the DVR button and selecting **My Recordings** from the My Recordings screen.



Note: The Main Menu on the DishHD 211t is different if you have an external hard drive attached to the STB.

Timer Types

There are three types of timers:

- **DVR**—Records an event onto your external hard drive for later viewing (only if an external hard drive is attached, and the account is activated for this feature).
- **Auto Tune**—Automatically changes the channel for live viewing of the event.
- **Reminder**—Creates an on-screen reminder when the event is about to air.

Timer Frequency

Deciding how often you want to watch a program helps you make the best choice:

- **All Episodes**—Records each time that program is on that channel.
- **New Episodes**—Records current season programs each time they occur on that channel.
- **Once**—Records a program or event once (good for movies, sporting events, etc.).
- **Weekly**—Records a program once a week, at that time, on that channel.
- **Daily**—Records a program once a day, at that time, on that channel.
- **Mon-Fri**—Records a program once a day, Monday through Friday, at the selected time, on that channel.

Timer Priorities

If multiple timers are scheduled to start at the same time, priorities determine which program you want the DishHD 211t to record. For example, scheduling two satellite TV programs to record at the same time is not possible on your DishHD 211t; therefore, the DishHD 211t records only the program with the highest priority.

- All timers have a priority that you can change at any time.
- The larger the number, the lower priority (for example, priority 1 is higher than priorities 2, 3, and 4).

- You can override a specific timer's priority with a one-time skip or by restoring it. Select a timer in the Daily Schedule, then you'll have an option to **Skip** or **Restore** for that timer (see page 52).

Timer Options

The Timer Options screen lets you set the following (not used on all options screens):

- **Protect Event**—Prevents your programs from being erased when your external hard drive fills up.
- **Set Frequency**—Records only new episodes of a program.
- **Set Channel**—Selects a specific channel. When setting manual timers, you select a channel from a scrolling list of all channels in your guide.
- **Start Early**—Begins recording a few minutes early.
- **End Late**—Continues recording after the scheduled program ending time.
- **Set as System Default**—Uses the Start Early and End Late settings for this event as the new defaults for future timers.
- **Maximum Recorded Events**—Automatically deletes the oldest unprotected recordings after a specified number are accumulated for this particular timer.

Timers List

Use the Timers Types as described on page 48 to:

- View the general list of timers.
- Select a timer from this list to see a detailed list with specific dates and times of upcoming timers for that program.
- Set user-selected priorities for each timer. See *Timer Priorities* on page 48.
- Create a manual timer.
- Select **Edit List** to edit a timer.

Daily Schedule

The Daily Schedule lists the timers that are planned for today, the future (up to nine days), and those timers that occurred in the recent past. Use the Daily Schedule as described on page 52 to:

- Review today's timers. You can choose to skip a scheduled timer, or restore a timer that was not planned to occur, perhaps because of a conflict with another program. See *Timer Priorities* on page 48.
- Review future timers, up to nine days in advance, and make changes as necessary.
- Review past timers to see which occurred, and the reason why one did not, if applicable. See *When a Timer Starts a Recording* on page 50.

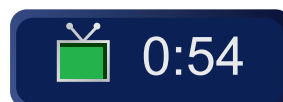
Reasons Why Timers are Skipped

If a timer is skipped, the reason is stated on the Timers List.

- **Priority**—This timer had a lower priority than other events being recorded at the time.
- **User**—A user chose to skip that timer.
- **Duplicate event**—There is already another timer set to record that program.
- **Event exists in DVR**—The program was already recorded and can be seen in the Daily Schedule list.
- **Not a new episode**—Used for New Episode timers. Currently, a New Episode is one that has the current year listed in the Program Guide information.
- **Incorrect event**—For Weekly, Daily, and Monday-Friday timers. If the guide has a different event listed, the timer is skipped. For example, the timer was set up on a Saturday for Daily, but the program is broadcast only Monday-Friday, so the timer is skipped on the weekends.

When a Timer Starts a Recording

For two minutes before a timer starts a recording, the DishHD 211t may display a digital countdown on the TV screen. This symbol disappears when the program begins. While the symbol is displayed, you can do one of the following:



- Press CANCEL to clear the symbol from the TV screen. This does not stop the timer from starting.
- Press INFO or SELECT to see more information on the timer. If you do this, you have the following choices:
 - Select **OK** to continue with the timer.
 - Select **Stop Timer** to stop the timer.

Note: Pressing INFO about a timer event only works one time. Subsequently pressing INFO results in the usual display of the current program's information.

When the DishHD 211t is Off

If the DishHD 211t is off when a timer is scheduled, the DishHD 211t responds accordingly:

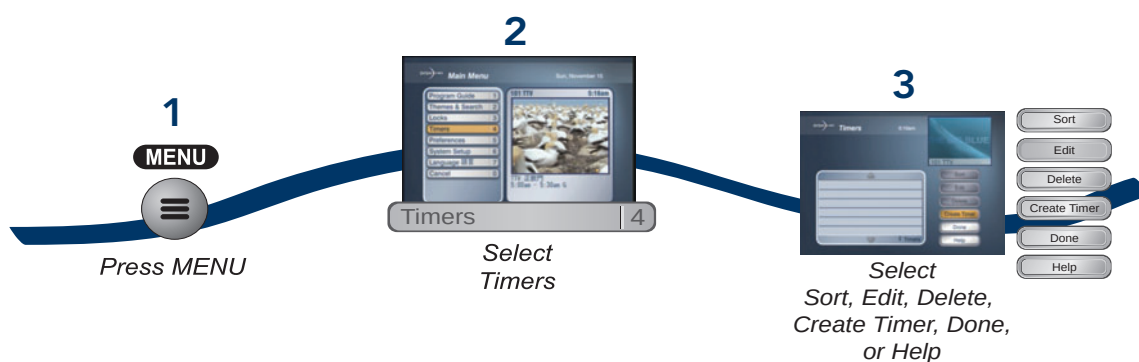
- **DVR**—Records the scheduled event.
- **Auto**—Turns on for the event.
- **Reminder**—Turns on at the scheduled time. After a period of time, if you do nothing, the DishHD 211t turns off.

Special Considerations When Using Timers

- **For Locked Programs**—You must enter the DishHD 211t password before you can create an automatic timer. You can create a manual timer for a locked program without entering the password. However, if you do this, when the timer starts the DishHD 211t may display only an error or password entry menu.
- **For Blacked Out Programs**—If you set a timer for a program that is blacked out in your area, when the timer starts the DishHD 211t may only display an error.

USING THE TIMERS LIST

Note: Use this procedure when you want to set a timer and do not have an external hard drive attached.

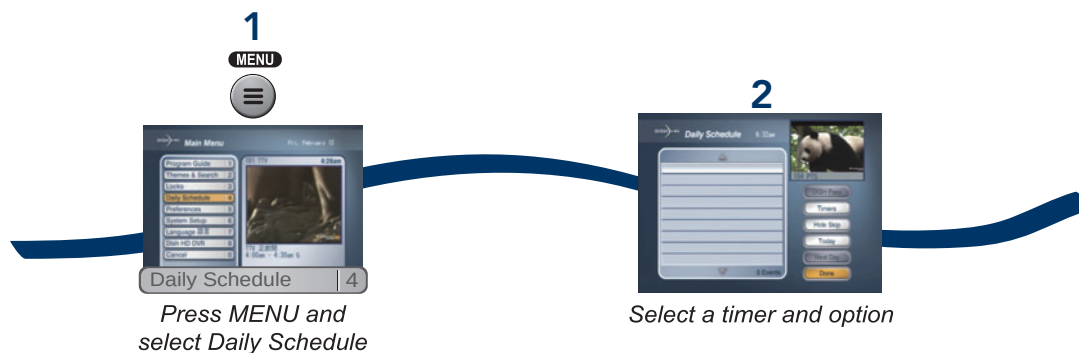


Chapter 7

Using the Daily Schedule

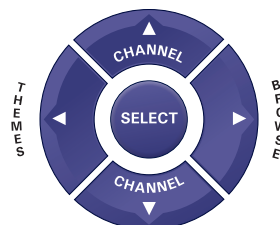
USING THE DAILY SCHEDULE

Note: Use this procedure when you have an external hard drive attached.

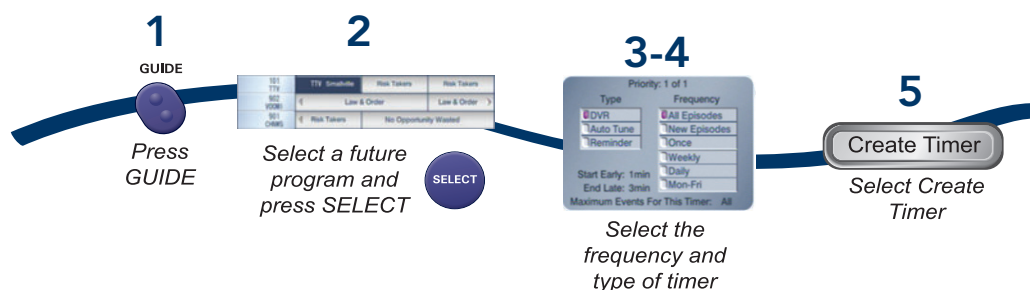


Use the arrow keys on your remote control (up, down, left, or right) to select a future program if you want to skip or restore a timer. You can also choose to protect it or view the start early/end late settings.

- To change the Start Early/End Late setting, select the event within the Timers List. Select **OPTIONS** to establish the settings.
- Press **PAGE UP** to see the previous days' timers. Review these timers if you want to see the result of your timers (for example, if it recorded successfully or why it might have been skipped).



SETTING UP AN AUTOMATIC TIMER

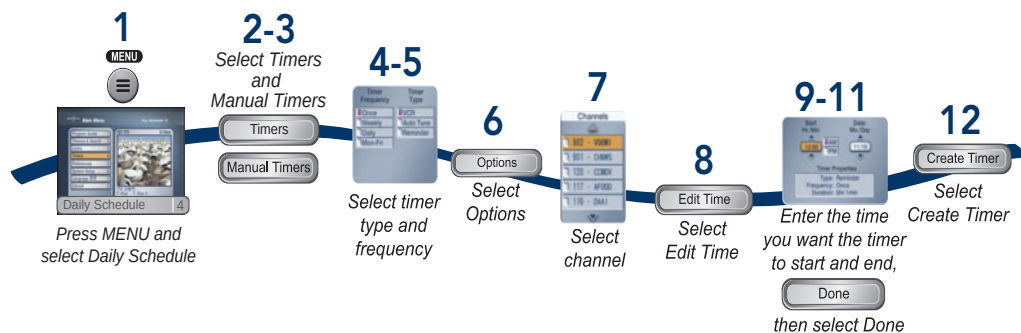


- 1** Find a program to record that starts in the future using the Program Guide or Browse Banner.
- 2** Select the future event. The Create Timer screen displays.
- 3** Select one of the Timer Types (see page 48 for more details).
- 4** Select the Timer Frequency (see page 48 for more details).
- 5** Select **Options** (see page 49 for more details).
- 6** Select **Set Priority** if you would like to change the priority of the timer (see page 48 for more information).
- 7** Select **Create Timer** to finish making the new timer.

Chapter 7

Setting Up a Manual Timer

SETTING UP A MANUAL TIMER



- 1** Press **MENU** and select **Daily Schedule**.
- 2** Select **Timers**.
- 3** Select **Manual Timer**.
- 4** Select one of the Timer Types (see page 48 for more details).
- 5** Select the Timer Frequency (see page 48 for more details).
- 6** Select **Options** (see page 49 for more details).
- 7** Select the channel. Use the UP/DOWN ARROWS, PAGE UP/DOWN, or NUMBER PAD to find the channel.
- 8** Select **Edit Time**.
- 9** Set the **Start Time** and **End Time**, include AM/PM for each.
- 10** Set the **Date**.
- 11** Select **Done**.
- 12** Select **Create Timer**.

DELETING A DVR TIMER

Use this procedure when you have an external hard drive attached to your DishHD 211t.



- 1 Press **MENU**.
- 2 Select **Daily Schedule**.
- 3 Select **Timers**.
- 4 Select **Edit List**.
- 5 Select the timers to delete.
- 6 Select **Delete**. A pop-up window asks you to confirm your choice(s).
- 7 Select **Yes** on the pop-up window. The timer(s) you selected are deleted.

DELETING A TIMER

Use this procedure when you are using the Timer feature of the DishHD 211t without an external hard drive attached.



- 1 Press **MENU**.
- 2 Select **Timers**.
- 3 Select the timers to delete.
- 4 Select **Delete**. A pop-up window asks you to confirm your choice(s).
- 5 Select **Yes** on the pop-up window. The timer(s) you selected are deleted.



TIPS

- Make sure the Updates feature is enabled as described on page 77. By enabling this feature, the Program Guide has the most up-to-date information and can adjust or create timers accordingly.
- Weekly, Daily, and Monday-Friday timers move only if the program is within one hour earlier or four hours later than the original time the timer was set up. These timers adjust their length if their program's time block is extended.
- DVR timers set for sporting events automatically end late by 60 minutes to allow for overtime. Change this setting in **Options** when you set up the timer.



QUESTIONS

- **Why did the DishHD 211t delete a program I recorded?** Your recording was unprotected. When the DishHD 211t's hard drive fills, it deletes the oldest unprotected recording. You can protect your recordings as described on page 49.
- **Where can I go to find out why the DishHD 211t didn't record something I scheduled?** Look at your Daily Schedule and refer to *When a Timer Starts a Recording* on page 50.
- **Why don't I have Daily Schedule listed on the Main Menu?** If you do not have an external hard drive attached to your DishHD 211t, then Daily Schedule does not appear in the Main Menu.
- **Why does my Main Menu look different from what is listed in the User Guide?** The Main Menu has Timers listed as menu option 4 when there is not an external hard drive attached to the DishHD 211t. The Main Menu has Daily Schedule listed as menu option 4 when there is an external hard drive attached to the DishHD 211t.



Remote Control

Chapter

8

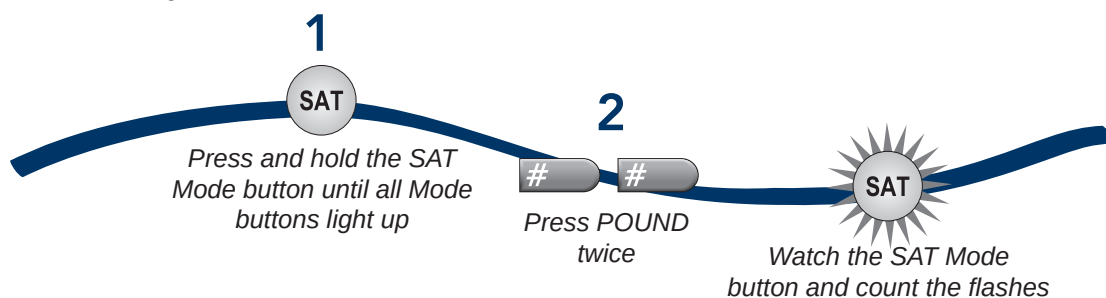
- **CHECKING THE REMOTE CONTROL ADDRESS**
- **CONFIRMING REMOTE CONTROL OPERATION**
- **CONTROLLING OTHER COMPONENTS**
- **LEARNING FROM ANOTHER DEVICE'S REMOTE CONTROL**
- **RECOVER BUTTON**
- **PROGRAMMING TO CONTROL A SECOND DishHD STB**

Chapter 8

Checking the Remote Control Address

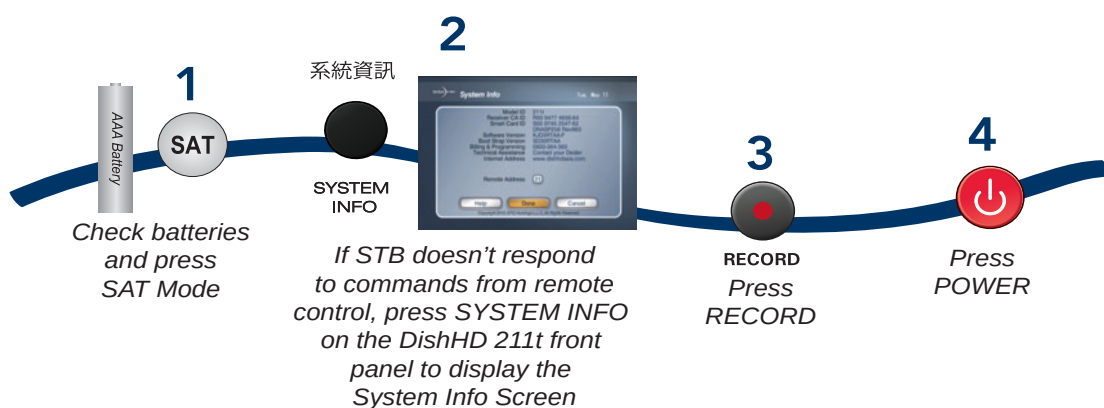
CHECKING THE REMOTE CONTROL ADDRESS

You can see what address is programmed on the remote control by completing the following instructions.



- 1 Press and hold the SAT mode button until all of the mode buttons light up, and then release the SAT button.
- 2 Press POUND (#) twice. The SAT mode button flashes the same number of times as the address number (for example, three flashes means address 3).

CONFIRMING REMOTE CONTROL OPERATION



- 1 Make sure the remote has fresh batteries and is in SAT mode.
- 2 If the DishHD 211t does not respond to commands from the DishHD remote control, press SYSTEM INFO on the DishHD 211t front panel to display the System Information screen.
- 3 Press RECORD on the remote control. The address in the System Information screen changes to match the address preset in your remote control. Select **Done** to exit the System Information screen.
- 4 Press POWER on the remote control to turn on/off the DishHD 211t.

CONTROLLING OTHER COMPONENTS

To use the remote to control other devices (such as a TV, DVD player, VCR, tuner, or amplifier), you must first program it to control these other devices. You can do this by either following the instructions in *Programming Using Device Code Tables* on page 60 or the *Scanning for Device Codes* instructions described on page 61.

Remote Control Modes

Use the remote control's mode buttons, SAT (DishHD 211t), TV (for a TV), DVD (for a DVD player or VCR), and AUX ("auxiliary," for a second TV, a DVD player, a VCR, a tuner, or an audio amplifier) to set the remote to the right mode for the device. To change the mode, press the button for the device you want the remote to control. The mode button lights for two seconds to show you've set the remote to that mode.

Limited Mode

When Limited Mode is enabled, pressing the TV mode button does not change the remote to TV mode and keeps the remote in its previous mode (SAT, DVD, or AUX). Pressing and holding the TV mode button for three seconds to program TV codes does work while in Limited Mode. When you use the remote control to operate your TV with Limited Mode enabled, you are only able to use the POWER, MUTE, and VOLUME buttons to operate your TV. Also, when you use the remote control to operate your DVD or VCR in Limited Mode, you are only able to use the POWER and DVD function buttons.

Note: Limited Mode cannot be used with audio amplifiers.

Turning Limited Mode On and Off

- 1** Press and hold the mode button (for example, TV) until all of the mode buttons light. Release the button.
- 2** Press:
 - PAGE UP to turn Limited Mode on.
 - PAGE DOWN to turn Limited Mode off.
- 3** Press POUND.

Note: Limited Mode is not used with audio amplifiers.

SAT Mode Discrete On

When the SAT mode button is pressed on the DishHD remote control, the remote control sends a "turn on" ("discrete on") command to the DishHD 211t to ensure that the DishHD 211t is on. This feature is always active and cannot be disabled.

Chapter 8

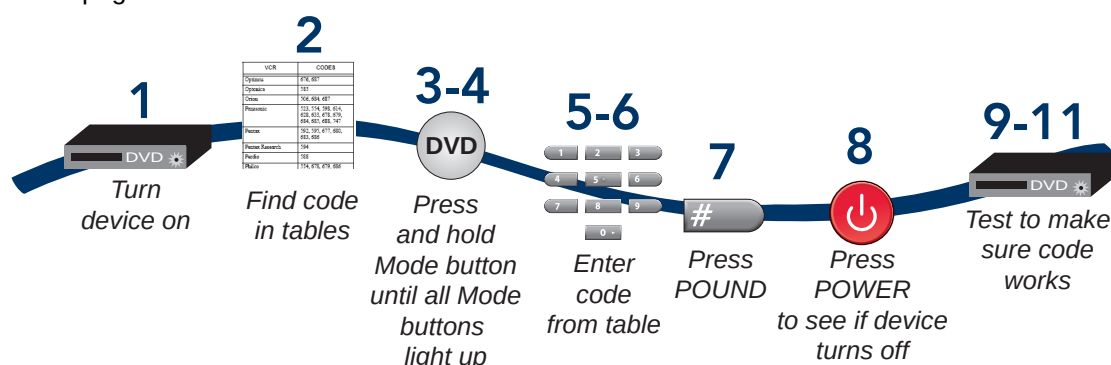
Controlling Other Components

Combination Devices

If you are programming the remote to control a combination device, such as a TV/VCR or a TV/DVD, program the remote control in one mode, and then repeat the procedure in the other mode. For example, to program the remote to control a TV/VCR using code 1939, follow the instructions to program the remote to control the TV using code 1939, and then repeat the instructions for the VCR using the same code.

Programming Using Device Code Tables

You can set up the remote to control other devices using the device codes listed on page 99.

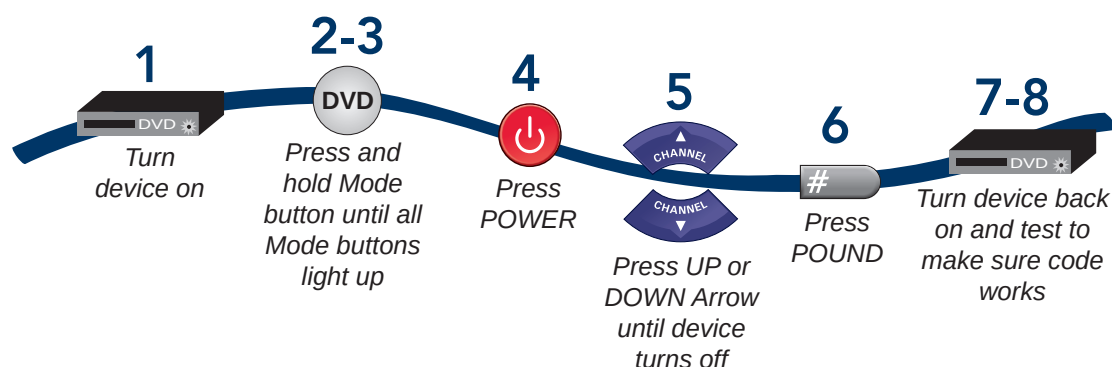


- 1 Turn the device on, using the device's front panel buttons or its remote control.
- 2 Find the brand name of the device in the tables starting on page 99. If the brand isn't listed, see *Scanning for Device Codes* on page 61.
- 3 Press and hold the mode button until all the other mode buttons light up, and then release the button. The mode button flashes.
- 4 *For AUX mode only. If you are not programming in AUX mode, continue to step 5.* Press 0 for a second TV, 1 for a second DVD/VCR, or 2 for a tuner or amplifier.
- 5 Enter one of the four-digit device codes from the table using the number buttons. Use a four-digit device code for the brand name of your device.
- 6 If you want to program Limited Mode, add a 1 after entering the four-digit equipment code. If not, continue to step 7. If you want to disable Limited Mode, enter only the four-digit device code for the brand name of your device without the 1 at the end.
- 7 Press POUND (#). If the code was entered correctly, the mode button flashes three times.
- 8 Press POWER to turn off the device. If the device does not turn off, continue to step 10. If the code works, the device turns off.
- 9 Turn the device on and try some other buttons to make sure they function as expected. If the buttons work as expected, stop here. Sometimes POWER works when other buttons do not.

- 10 If the code does not work, complete steps 3 through 9 with another code from the tables. If necessary, try every code listed for your brand until one works for your device.
- 11 If you are unable to find a code that works, try the procedure *Scanning for Device Codes*.

Scanning for Device Codes

If the code for your device is not listed in the tables starting on page 99, use this procedure to scan the remote control's memory for the device code.

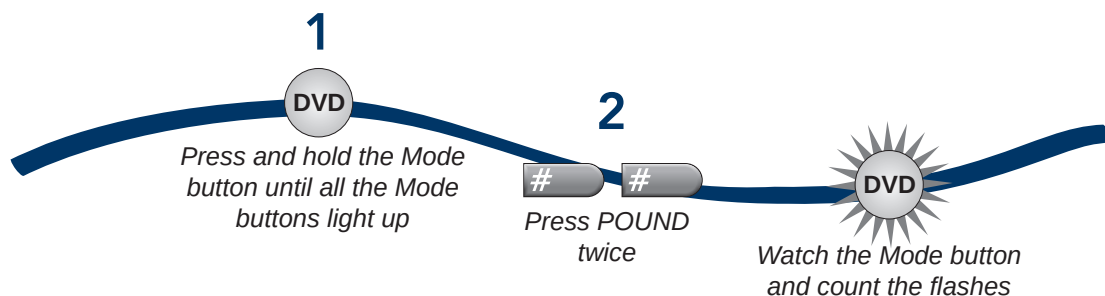


- 1 Turn the device on, using the device's front panel buttons or its remote control.
- 2 Press and hold the mode button until all the other mode buttons light up, and then release the button. The mode button flashes.
- 3 *For AUX mode only.* Press 0 for a second TV, 1 for a second DVD/VCR, or 2 for a tuner or amplifier. If you are not programming in AUX mode, continue to step 4.
- 4 Press POWER. This puts your remote in the scan mode.
- 5 Press the UP (or DOWN) ARROW repeatedly, one press per second, until the device turns off. With each press of the UP (or DOWN) ARROW, the remote tries each code in memory to see if it can turn off the device. When the device turns off, you have found a code that might work.

Note: The mode button for the device flashes rapidly eight times when you've scanned all the codes for that device.
- 6 Press POUND (#). The mode button flashes three times if you have entered the code correctly. This stores the code you found.
- 7 Press POWER to turn the device back on. Try some other buttons to make sure they work. Sometimes POWER works when other buttons do not.
- 8 If necessary, repeat this procedure to find the best code for your device.
- 9 If you want to program Limited Mode, follow the instructions in *Turning Limited Mode On and Off* on page 59.

Reading Out the Device Codes

You can find out what device code you've set for each remote control mode (TV, DVD, VCR, and AUX).



- 1 Press and hold the appropriate mode button until all the other mode buttons light up, and then release the button. The mode button flashes.
- 2 Press POUND (#) twice. Watch the mode light to determine your code. The mode button flashes the number for each digit of the device code, with a pause between the groups of flashes. A quick flash is for zero.

Note: For example, if the code is 0011, the mode button flashes once quickly, pauses, flashes once quickly, pauses, flashes once, pauses, and flashes once.

For AUX mode: The first group of flashes tells you what the AUX mode controls. A quick flash (zero) before the four digit code is for a TV; one regular flash is for a DVD/VCR; and two flashes is for a tuner or amplifier.

For Limited Mode: If you programmed a TV or DVD/VCR in Limited Mode, the mode button flashes once at the end of the flash sequence. For example, if the TV code is 0011, the AUX mode button flashes once quickly (indicating 0 for TV), pauses, flashes once quickly, pauses, flashes once quickly, pauses, flashes once, pauses, and then flashes once (indicating Limited Mode).

- 3 Write the code in the space provided at the back of the document.

Learning From Another Device's Remote Control

After you have programmed your DishHD remote to control your equipment in TV, DVD, or AUX modes, you may find not all of the commands used by the equipment's original remote control function as you expect. The learning function of your DishHD remote control can support these commands.

Note: It is not possible to learn any of the mode buttons—SAT, TV, DVD, or AUX. It is also not possible to learn any commands in SAT mode. It is possible to learn the red TV power button indirectly. When in TV mode, whatever code is learned for the main power button is also used for the red TV power button.

The remote control can learn commands in two ways:

- You can follow the instructions for using equipment codes to program a specific mode and then learn commands that add new or overwrite existing functions of the remote control's buttons in this mode. For this type of learning, any button without a learned command keeps the previous command (if any) for that equipment code.
- Each button on the remote control learns a command from the equipment's original remote control. For this type of learning, any button without a learned command does not have a function for that equipment.



If the remote control batteries are too low for learning, the learning process is completely interrupted and all the mode buttons blink quickly eight times. Learning ends **without saving learned commands**, and the remote returns to normal operation. If the batteries are low, change the batteries before beginning a learning session.

If You Have Programmed the Device Code

8

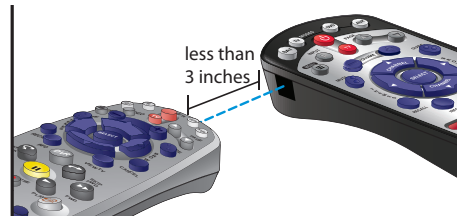
Note: If you have found a code for the equipment, first program the code using the instructions for *Programming Using Device Code Tables* on page 60 or *Scanning for Device Codes* on page 61.

- 1 Ensure the DishHD remote control is programmed to the desired remote address (see *Checking the Remote Control Address* on page 58).
- 2 Place both your DishHD remote and the original equipment's remote control on a flat, stable surface.
- 3 On the DishHD remote, press and hold the mode button for your equipment for about three seconds until all the mode buttons light up and then release it. For example, press and hold TV to learn commands from a TV remote control. Your selected mode button blinks.
- 4 To start learning commands for this mode, press and release RECALL, then hold the RECORD button for about three seconds until the mode button is lit again. The button remains lit while learning.

Chapter 8

Controlling Other Components

- 5 Point the front of the original equipment's remote to face the small square (IR window) on the front, left-hand side of DishHD's remote.



- 6 On the DishHD remote, press the button you want to teach.
- 7 On the original equipment's remote control, press and hold the button you want learned. If the DishHD remote learns the command, the mode light blinks off and then back on. If the mode light blinks three times or remains lit, the DishHD remote did not learn the command.

Note: You may need to press the button on the original remote several times for the DishHD remote to learn the command.

- 8 After a button has learned a command successfully, repeat step 6 and step 7 until all commands you want have been learned.

Note: Once a learning session is complete, it is not possible to modify it.

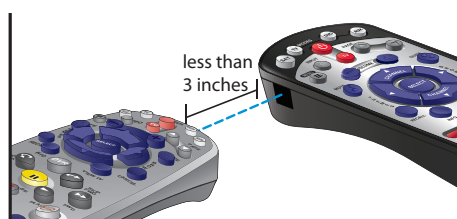
- 9 To end the learning sequence:
 - Press one of the mode buttons on the DishHD remote. This saves all the commands for that mode and exits learning to return to normal remote control operation.
 - If the remote runs out of memory for learned commands, it saves the commands you have learned for equipment in this mode, exits learning, and returns to normal remote control operation. The DishHD remote cannot learn additional commands.
 - To cancel learning, do not press any buttons on either remote control for at least 30 seconds. The DishHD remote control times out and returns to normal operation.

Note: No learned commands are saved if the DishHD remote control times out before completion.

If You Have Not Programmed a Code for the Device

- 1 Ensure the DishHD remote control is programmed to the desired remote address (see *Checking the Remote Control Address* on page 58).
- 2 Place both your DishHD remote and the original equipment's remote control on a flat, stable surface.

- 3 On the DishHD remote, press and hold the mode button for your equipment for about three seconds until all the mode buttons light up and then release it. For example, press and hold TV to learn commands from a TV remote control. Your selected mode button blinks.
- 4 To start learning commands for this mode, press and hold the RECORD button for about three seconds until the mode button is lit. The button remains lit while learning.
- 5 Point the front of the original equipment's remote to face the small square (IR window) on the front, left-hand side of DishHD's remote.



- 6 On the DishHD remote, press the button you want to teach.
- 7 On the original equipment's remote control, press and hold the button you want learned. If the DishHD remote learns the command, the mode light blinks off and then back on. If the mode light blinks three times or remains lit, the DishHD remote did not learn the command.

Note: You may need to press the button on the original remote several times for the DishHD remote to learn the command.

- 8 After a button has learned a command successfully, repeat step 6 and step 7 until all commands you want have been learned.

Note: Once a learning session is complete, it is not possible to modify it.

- 9 To end the learning sequence:
 - Press one of the mode buttons on the DishHD remote. This saves all the commands for that mode and exits learning to return to normal remote control operation.
 - If the remote runs out of memory for learned commands, it saves the commands you have learned for equipment in this mode, exits learning, and returns to normal remote control operation. The DishHD remote cannot learn additional commands.
 - To cancel learning, do not press any buttons on either remote control for at least 30 seconds. The DishHD remote control times out and returns to normal operation.

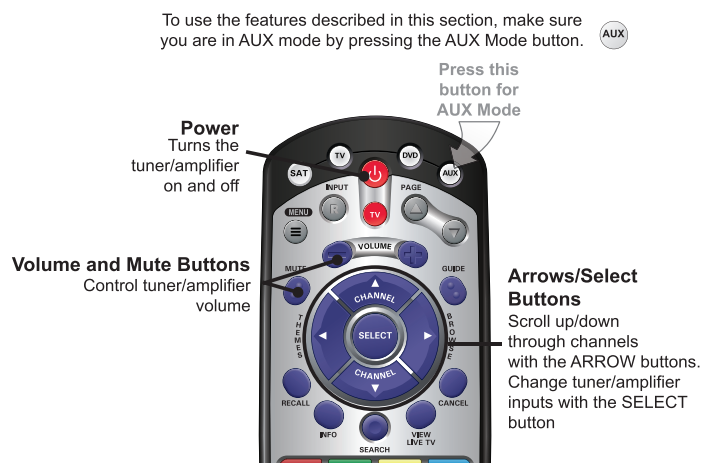
Note: No learned commands are saved if the DishHD remote control times out before completion.

Chapter 8

Controlling Other Components

Controlling a Tuner or Amplifier

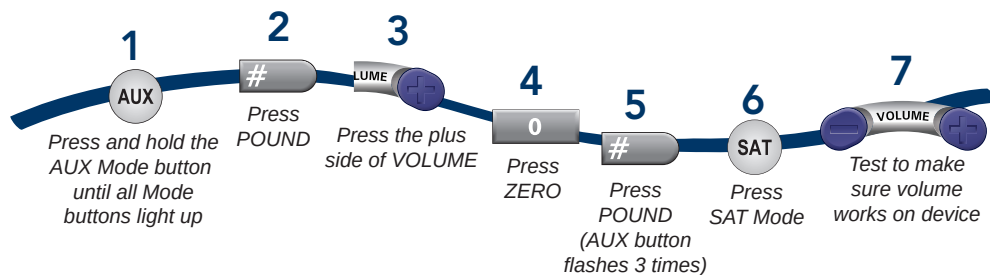
Use the following remote control buttons to operate a tuner or amplifier. Press the AUX mode button to set the remote to AUX mode.



Switching Between TV and Tuner/Amplifier Volume Control

When you set up the remote to operate your TV, the VOLUME and MUTE buttons adjust the TV volume. To use the remote to adjust the volume of a remote-controllable audio receiver or amplifier instead of adjusting the TV's volume, use the steps *To Use a Tuner or Amplifier's Volume Control*. To switch back to control the TV's volume, use the steps *To Use the TV's Volume Control*.

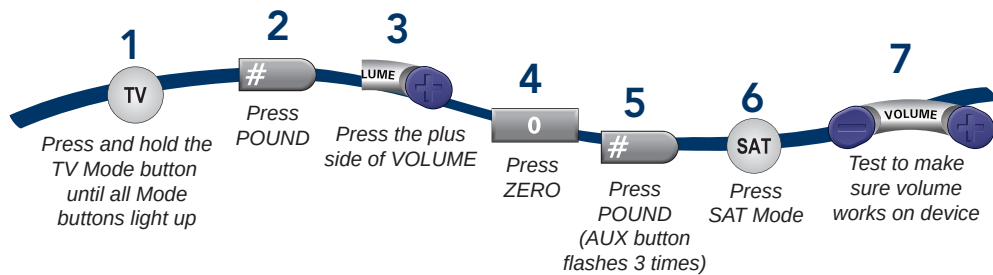
To Use a Tuner or Amplifier's Volume Control



- 1 Press and hold AUX until all four mode buttons are lit, then let it go. AUX button flashes.
- 2 Press POUND (#).
- 3 Press the plus (+) side of VOLUME.
- 4 Press ZERO (0).
- 5 Press POUND (#). AUX flashes three times.

- 6 Press SAT mode button.
- 7 To confirm the VOLUME buttons are operating the tuner/amplifier's volume control, press SAT and then try adjusting the volume. Your tuner/amplifier's volume should change.

To Use the TV's Volume Control



- 1 Press and hold TV until all four mode buttons are lit, then release it. TV button flashes.
- 2 Press POUND (#).
- 3 Press the plus (+) side of VOLUME.
- 4 Press ZERO (0).
- 5 Press POUND (#). TV flashes three times.
- 6 Press SAT mode button.
- 7 To confirm the VOLUME buttons are operating the TV's volume control, press SAT and then try adjusting the volume. The TV's volume should change.

RECOVER BUTTON

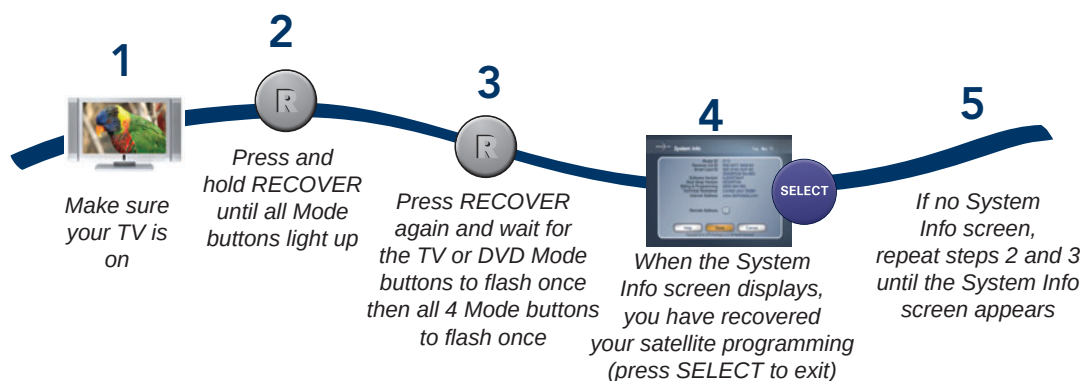
Use RECOVER if you accidentally change the channel or video input on your TV and cannot get the picture back from your DishHD 211t. When you use RECOVER, the remote control sends commands to your TV to change channels or video inputs to try to get you back to watching satellite programming. This procedure works only if you have accidentally changed the TV channel or video input. It does not recover lost satellite signal (See *Troubleshooting Tables* on page 88 for information on solving problems).

Note: The remote must be programmed to control the TV (and DVD/VCR, if applicable) for RECOVER to work as described. RECOVER first tries to tune your TV to channel 3, then channel 4, and then other video inputs with each press of RECOVER. Press the RECOVER button until your satellite TV video is restored.

Using the Recover Button

To use RECOVER, the remote control must be set up to control the TV (and DVD/VCR if applicable).

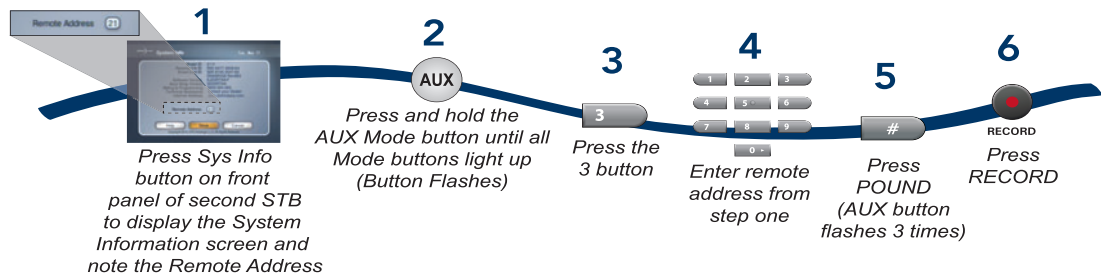
Note: Press any remote control button other than RECOVER to end this procedure.



- 1 Make sure the TV is on.
- 2 Press and hold RECOVER until all four mode buttons light, and then let go of the button. The SAT mode button flashes twice and then all four mode buttons flash three times.
- 3 Press RECOVER. Wait for the TV or DVD mode button to flash once and then all four mode buttons to flash once.
- 4 If you see the System Info screen, press the SELECT button to close the screen. You have recovered your satellite programming.
- 5 If you do not see the System Info screen, repeat steps 3 and 4 until you have recovered your satellite programming.

PROGRAMMING TO CONTROL A SECOND DISHHD STB

If you have a second DishHD STB installed, you can use this remote in AUX mode to operate your other STB in addition to operating this STB. When you program the remote to operate the other STB, the remote sends out IR signals to the STB. Due to the nature of IR signals, the remote must be in line of sight to the second STB.



- 1** Turn on the second DishHD STB and display the System Info screen as described in that user's guide.

Write down the remote control address: _____

- 2** Press and hold AUX until all the other mode buttons light up, and then let go of the button. AUX flashes.
- 3** Press the 3 button.
- 4** Use the NUMBER PAD to enter the address you wrote in step 1.
- 5** Press POUND (#). AUX blinks three times.
- 6** Press RECORD to ensure the address in the remote matches the address on the DishHD STB.

Chapter 8

Tips



TIPS

- If you don't want to accidentally change channels on your TV or DVD/VCR, try programming the remote control in Limited Mode as described on page 59.
- Be sure to put the remote control back in SAT mode whenever you're finished in another mode.



QUESTIONS

My remote doesn't control my DishHD 211t or other devices. What should I do?

- Put the remote control in the correct mode (page 59).
- Check the batteries (page 8).

Customizing your DishHD 211t



Chapter

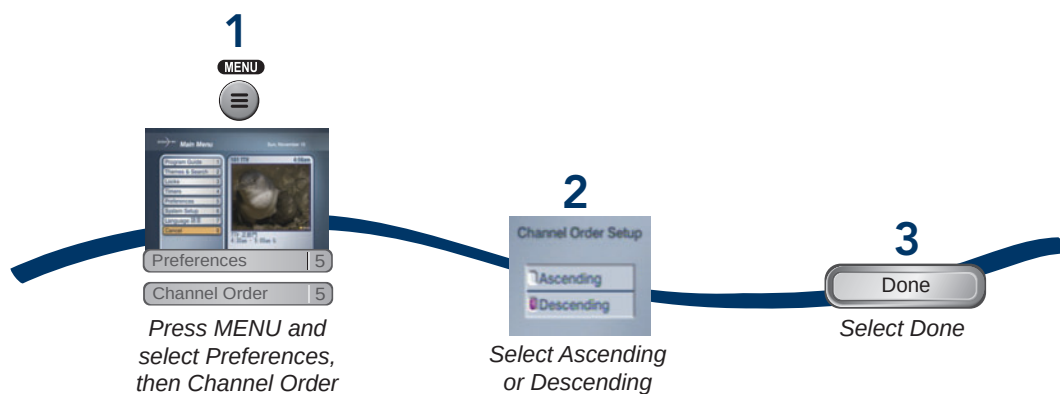
9

- **CUSTOMIZING THE GUIDE AND CHANNEL LISTS**
- **CHANGING LANGUAGES**
- **SETTING UP AUDIO OUTPUT**
- **RESETTING TO FACTORY DEFAULTS**
- **SCHEDULING DISHHD STB UPDATES**
- **SETTING UP INACTIVITY STANDBY**

CUSTOMIZING THE GUIDE AND CHANNEL LISTS

Changing the Program Guide Order

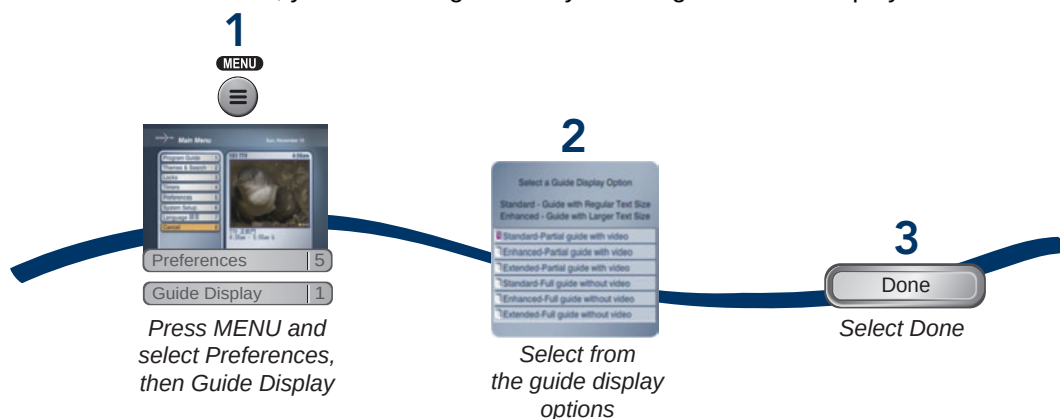
You can set up the Program Guide to list channels in descending order, with the highest channel number at the top, or in ascending order with the highest channel number at the bottom. The default setting is to list the channels in descending order.



- 1** Press **MENU**, select **Preferences**, and then **Channel Order**.
- 2** Select **Ascending** or **Descending**.
- 3** Select **Done**.

Changing the Guide Display

The DishHD 211t comes set to display the Program Guide with video in the upper right corner. However, you can change the way the Program Guide displays.



1 Press MENU, select **Preferences**, and then **Guide Display**.

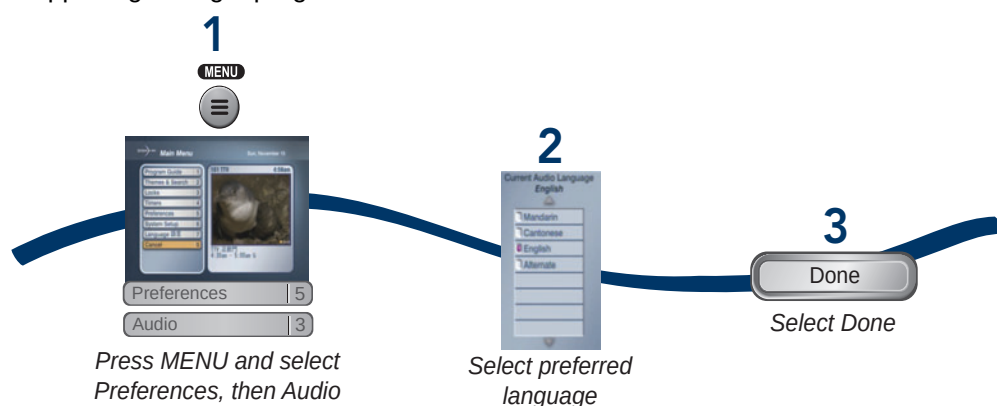
2 Select one of the following options:

- **Standard - Partial Guide with Video.** This option is preset when you first set up the DishHD 211t. The Program Guide displays video in the upper right corner and 1.5 hours of schedule per page.
- **Enhanced - Partial Guide with Video.** Choose this option if you'd like larger text on your Program Guide. The Program Guide displays video in the upper right corner and one hour of schedule per page.
- **Extended - Partial Guide with Video.** Choose this option if you'd like to see video in the upper right corner and three hours worth of schedule per page on the Program Guide.
- **Standard - Full Guide without Video.** Choose this option if you'd like to see more channels per page on the Program Guide.
- **Enhanced - Full Guide without Video.** Choose this option if you'd like to see more channels per page in large text on the Program Guide.
- **Extended - Full Guide without Video.** Choose this option if you'd like to see more channels and three hours of schedule per page on the Program Guide.

3 Select **Done**.

CHANGING LANGUAGES

You may be able to change the language of some programs. An alternate language may not be available for all programs. Some programs, such as movies, indicate at the beginning whether an alternate language or descriptive audio is available. An alternate language applies only to the audio part of a program and does not change the language used in the menus displayed by the DishHD 211t. Descriptive audio—not included on all channels and programs—is a feature for the visually impaired that describes what is happening during a program.

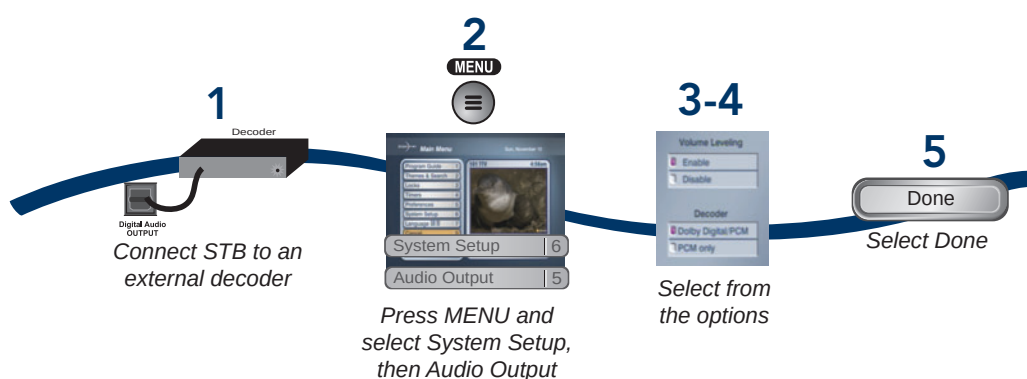


Note: If a program contains descriptive audio, select **Alternate Audio** to hear the descriptive audio portion.

- 1** Press **MENU**-5-3 on the DishHD remote control.
- 2** Select the preferred language.
- 3** Select **Done**.

SETTING UP AUDIO OUTPUT

The DishHD 211t uses HDMI or an optical port for outputting digital audio. The HDMI or optical output can provide two audio data types: Dolby® Digital and Linear PCM (only Dolby Digital can provide full 5.1-channel sound). Dolby Digital gives you the capability to enjoy programs in surround sound. An external decoder is required to enjoy this feature. Refer to your decoder user's guide.



- 1 Connect an external Dolby Digital decoder to the DishHD 211t's back panel Digital Audio Output using an HDMI or optical cable (available at consumer electronics stores).
- 2 Press MENU, select **System Setup**, and then **Audio Output** (MENU-6-5) to open the Audio Output screen.
- 3 Select one of the following digital audio output options:
 - **Dolby Digital/PCM**—Select this option only if the stereo system or amplifier can decode both Dolby Digital and Linear PCM signals.
 - **PCM Only**—Select this option only if the stereo system or amplifier cannot decode Dolby Digital signals.

The audio output is also dependent on what is present in the program you are watching. The table below shows what type of output you will hear:

Optical Output Setting	Signal Present in Program		
	Dolby Digital	PCM	Both
Dolby Digital/PCM	Dolby Digital	PCM	Dolby Digital
PCM Only	PCM (downmix)	PCM	PCM

Note: When both audio signals are present in the program, the DishHD 211t defaults to Dolby Digital output unless you have selected PCM Only. This also applies to the analog audio outputs.

Chapter 9

Resetting to Factory Defaults

- 4 If Volume Leveling is desired, select **Enable** to turn on Volume Leveling. Volume leveling keeps the volume levels consistent between programs and commercials, preventing drastic volume changes while watching television.

Note: When volume leveling is enabled, only the digital PCM and RCA analog line outputs are affected.

- 5 Select **Done**.

RESETTING TO FACTORY DEFAULTS

You can reset the DishHD 211t to discard any changes you have made to it, except for remote control address settings and locks. Resetting the DishHD 211t to factory default settings also discards all Favorite Lists except the **All Chan** and **All Sub** lists.

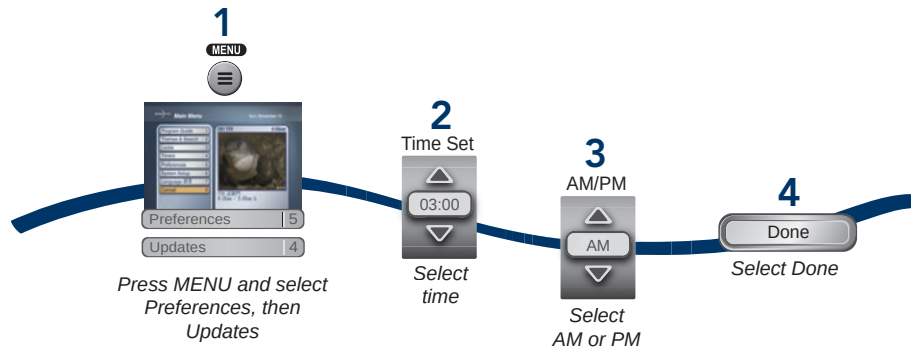
If you set any locks on the DishHD 211t and the DishHD 211t is locked, these locks are kept. If the DishHD 211t is unlocked, your locks will be lost. You cannot reset the DishHD 211t to default settings to discard a password you have forgotten. No one but a Customer Service Representative can reset the DishHD 211t to bypass a DishHD 211t lock.

- 1 Press MENU, select **System Setup**, and then **Factory Defaults**. The DishHD 211t displays a Warning message to confirm that you want to reset the DishHD 211t's preferences.
- 2 Select **Yes**.

SCHEDULING DISHHD STB UPDATES

The DishHD 211t comes scheduled to update the Program Guide at 3:00 AM every day. This section describes how to change the Updates settings.

Note: This feature does not interfere with any scheduled timers.



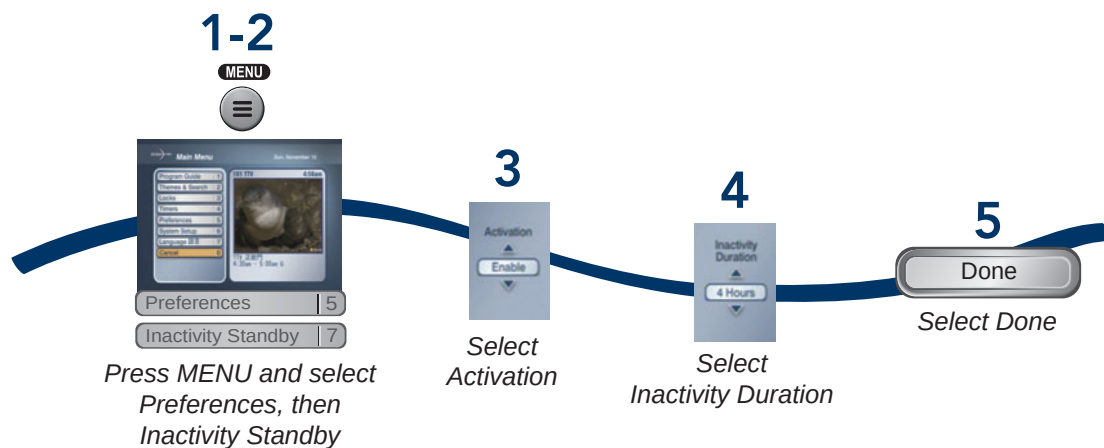
- 1 Press MENU, select **Preferences**, and select **Updates**.
- 2 Select the time that you want STB software updates to occur.
- 3 Select **AM** or **PM**.
- 4 Select **Done**.

Chapter 9

Setting Up Inactivity Standby

SETTING UP INACTIVITY STANDBY

If your DishHD 211t is on for a period of time without any activity (for example, no channel changes), the Inactivity Standby feature turns off the STB so that you always have the latest Program Guide. Enabling this feature is recommended, as it also helps improve the reliability of your STB. To change the settings for this feature, use the following steps:



- 1 Press MENU on the remote control.
- 2 Select **Preferences**, and then **Inactivity Standby**.
- 3 Highlight **Activation** and use the UP and DOWN arrow buttons to switch between **Enabled** and **Disabled**.
- 4 Highlight **Inactivity Duration** and use the UP and DOWN arrow buttons to select the amount of time the STB waits before turning off.
- 5 Select **Done**.

Note: Select **Defaults** to reset the changes you have made to this feature.



TIPS

- To take full advantage of Dolby Digital 5.1 surround sound, you need an HDMI or optical cable and a stereo that supports this feature.



QUESTIONS

- **Why is my audio in another language?** You may have selected an alternate language. See the instructions on page 74 to change your preferred language.
- **How can I change the channel order in the Program Guide?** You can switch from ascending order (lowest to highest) or descending order (highest to lowest) by following the instructions on page 72.

NOTES



Connections and Setup

Chapter

10

- **CONNECTING TO A TV**
- **USING TROUBLESHOOTING TOOLS**

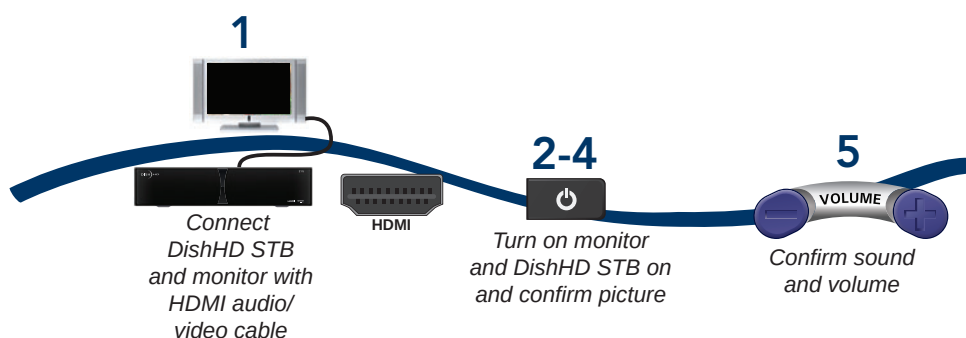
CONNECTING TO A TV

This section describes how to connect the DishHD 211t to a high-definition TV (HDTV) or a standard-definition (SD) TV.

Note: Connecting your television directly to the DishHD 211t provides the best audio and video quality.

HDMI Connection

The **HDMI** audio/video connection provides high-quality audio and video to your HDTV or HD Monitor in one cable.



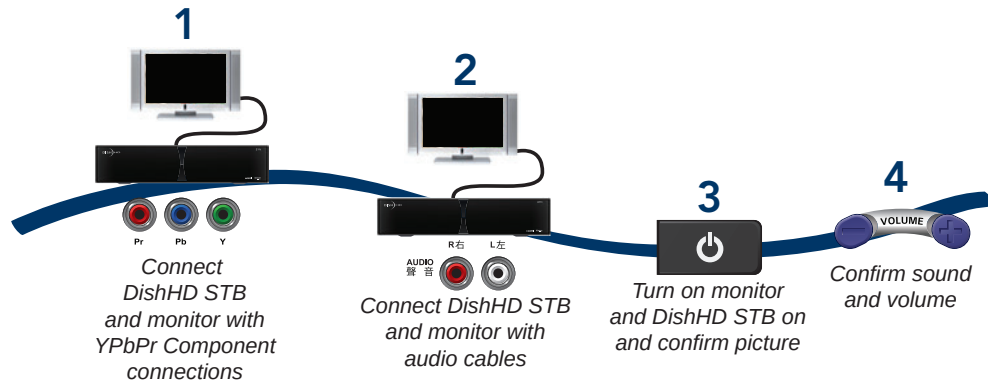
- 1 Connect an HDMI cable to the **HDMI** connection on the DishHD 211t. Connect the other end of the HDMI cable to the HDMI input on the HDTV set or monitor.
- 2 Turn on your DishHD 211t and TV using the front panel buttons. Change your TV to the correct input or source. Consult your HDTV's user's guide for assistance.
- 3 Confirm that you are getting a picture from the DishHD 211t.
- 4 If you do not see a picture, refer to *No Picture on the HDTV* on page 84.

Note: In most cases connecting the HDMI cable provides plug-and-play control of the monitor's display resolution and other settings. However, your HDTV may require selecting a different format to display from the DishHD 211t during setup.

- 5 Turn up the volume on your HDTV and confirm you have sound. If you do not have sound, check your HDMI connections to make sure they are secure.
- 6 Refer to *Setting Up to Display in HD* on page 84 to adjust the DishHD's HD display settings to match your TV.

YPbPr Connections

The **YPbPr** connections provide high-quality video to your HDTV or HD monitor. Use these connections if your TV does not have an HDMI connection.



- 1** Connect component video cables to the **YPbPr** (component; green, blue, and red) connections on the DishHD 211t. Connect the other end of the component video cables to the YPbPr (component) connections on the TV.
- 2** Connect audio (red and white) RCA-type cables between the DishHD 211t's Audio Outputs and TV's audio inputs. Be sure to connect the audio cables to the same TV input source as the YPbPr cables.
- 3** Turn on your DishHD 211t and TV. Change your TV to the correct input or source. Consult your HDTV user's guide for assistance. If you do not see a picture, refer to *No Picture on the HDTV* on page 84.
- 4** Turn up the volume on your HDTV and confirm you have sound.
- 5** Refer to *Setting Up to Display in HD* on page 84 to adjust the DishHD 211t's HD display settings to match your TV.

Chapter 10

Connecting to a TV

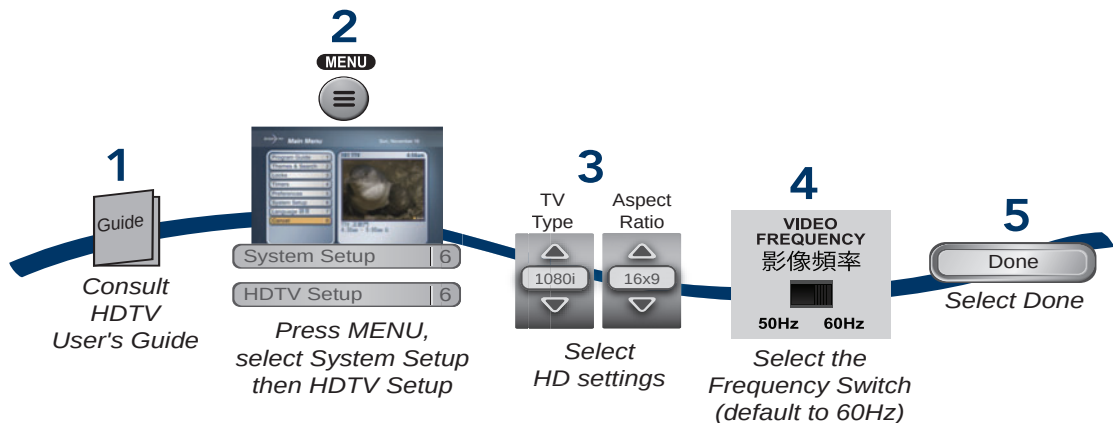
No Picture on the HDTV

If there is not a program displaying on your HDTV, try the following suggestions.

- 1 Connect RCA-type cables (yellow) between the DishHD 211t's **COMPOSITE** (RCA-type) video output and your TV's Composite (RCA-type) input.
- 2 Verify the DishHD 211t and the TV are on.
- 3 Make sure the TV is set to the correct input for the RCA-type connection. Refer to your HDTV user's guide for assistance.
- 4 Change the HDTV settings to match your TV's display settings as described in *Setting Up to Display in HD*.
- 5 Change the TV to display from the HD input you connected in the previous sections. If you can see a picture, you are finished.
- 6 Repeat steps 4 and 5 until the TV displays video from the DishHD 211t.

Setting Up to Display in HD

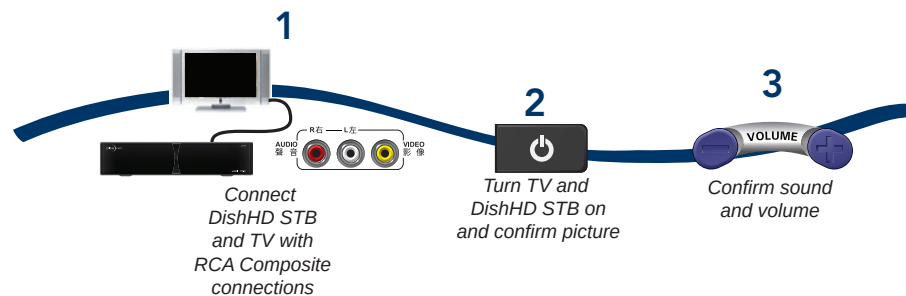
Use the following steps to select the HDTV display format that best matches your TV or monitor.



- 1 Consult your HDTV user's guide for the HD format resolution that the TV supports (1080i or 720p).
- 2 Press MENU, select **System Setup**, and then **HDTV Setup** to open the DishHD 211t's HDTV Setup screen.
- 3 While in this menu, select the Aspect Ratio option that matches your TV:
 - **16x9** is the setting for wide screen HDTV display.
 - **4x3 #1** is the setting to use on a 4x3 TV which uses vertical compression. When viewing a 16x9 program, a compatible TV automatically makes the picture letterbox format (black bars top and bottom) to preserve the correct horizontal and vertical proportions.

- **4x3 #2** is the setting to use on a 4x3 TV which does NOT have internal vertical compression. When viewing a 16x9 program, such a TV will not show black bars at the top and bottom, and the picture will appear tall and vertically stretched.
- 4 On the back panel of the DishHD 211t, there is a toggle switch that changes from 50Hz to 60Hz. By default, it is set to 60Hz. This switch affects TV output in the following ways:
 - When the switch is set to 60Hz, the following TV formats are supported:
 - RCA Composite—NTSC
 - RCA Component/HDMI—480i, 480p, 720p, and 1080i
 - When the switch is set to 50Hz, the following TV formats are supported:
 - RCA Composite—PAL
 - RCA Component/HDMI—576i, 576p, 720p, and 1080i
 - 5 Select **Done**.
 - 6 If required, set up the HDTV to display in the format you desire. Some HDTVs automatically adjust to the resolution setting of the DishHD 211t.

Standard-Definition TV Connections



- 1 Connect the DishHD 211t to the TV using the **AUDIO/VIDEO** connection (composite connection).
- 2 Turn on the TV and DishHD 211t to make sure you have a picture. You'll need to set your TV to a video input or source. Refer to your TV's user's guide for more information.
- 3 Turn up the volume on the TV to make sure you have audio.

USING TROUBLESHOOTING TOOLS

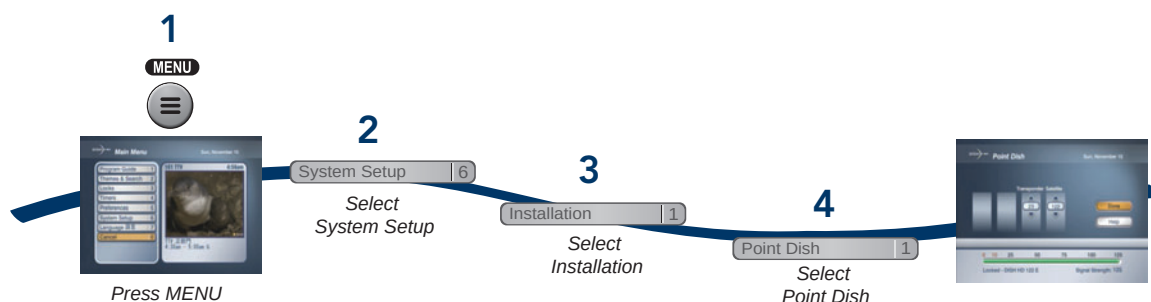
Your DishHD 211t has diagnostic tools that you can use to solve many common problems.

Resetting Your DishHD 211t

- 1 Press and hold the DishHD 211t's POWER button until the front panel lights blink.
- 2 Release the POWER button. The DishHD 211t takes several minutes to reset, displays the message "Acquiring Satellite Signal", may download the Program Guide, and then returns you to programming.

Point Dish

The Point Dish screen is helpful to the retailer if you are having difficulty viewing programming. You may be asked to display this screen when you call the retailer's customer service.



- 1 Press MENU.
- 2 Select **System Setup**.
- 3 Select **Installation**.
- 4 Select **Point Dish**. This screen shows you information to help maximize your satellite signal. The bar at the bottom of the screen tells you the signal strength. Green is a good signal, yellow is a marginal signal, while red indicates the signal is not acceptable or is from the wrong satellite.

Reference



Reference

- **TROUBLESHOOTING TABLES**
- **DEVICE CODES FOR REMOTE CONTROL**

TROUBLESHOOTING TABLES

Use these tables if you have problems using the system. Many problems arise from basic misunderstandings of how the system works, especially when you are just becoming familiar with it. These tables cover many problems, usually with a simple solution for each one. To solve a particular problem, do the following:

- 1** Review the section in this *Guide* that relates to the problem.
- 2** If you cannot find a solution, then find the section in the following tables that relates to the problem.
 - Read the What's Happening column until you find the problem.
 - Read the information in the Possible Reason column.
 - Try each of the suggested solutions in the What to Do column.
- 3** Sometimes resetting the DishHD 211t can fix a minor problem. See *Resetting to Factory Defaults* on page 76.
- 4** Make sure your TV is tuned to the correct channel or input. Use RECOVER as described on page 68.
- 5** Make sure your remote control has fresh batteries. If you see the Remote Battery Low warning on your TV screen, it's time to change the batteries. Follow the instructions on page 8.
- 6** Check for anything that might be blocking the satellite signal (for example, tree branches, another building, etc.).

Message Numbers

Number	Possible Reason	What to Do
002	Heavy rain or cloud cover may be interfering with transmission of the satellite signal, or there may be other interference.	- Note the local weather conditions. Remove any debris which may have collected on the dish. - Make sure that the dish has a clear line of sight to the satellite. Check whether branches or leaves have grown into the line of sight. - Make sure that the dish is aimed at the satellite. Check the strength of the signal using the Point Dish screen as described on page 86. Consult your installer to re-aim the dish, if necessary, to obtain the strongest possible signal.
003, 004	The wrong type of coaxial cable may be used in the system, or the cable run length may be too long.	- Make sure the system uses RG6 coaxial cable; if not, call your dealer or installer. - Check the reflector-to-DishHD 211t cable run length is not more than 200 feet. Make sure that all required cables are in place, and check that all cable connections are tight and dry (for outdoor cables).
005	The DishHD 211t may not yet have been electronically linked with the system, via the satellite signal. The dish may have moved so that it is no longer picking up the satellite signal. The cable connections may have loosened or have moisture inside. There may be an interruption of the satellite signal.	- If you have authorized the DishHD 211t (added it to your account), wait a few minutes to see if the message is removed. Make sure that all required cables are in place, and check that all cable connections are tight and dry (for outdoor cables). - Make sure that the dish has a clear line of sight to the satellite. Check whether branches or leaves have grown into the line of sight. Check that the Signal Strength bar in the Point Dish screen is green and displays the word Locked, as described on page 86. If not, contact your installer to re-aim the dish.
011, 012	Viewers in specific areas are prohibited from watching certain programs. For example, viewers who live close to a particular football stadium may be prohibited from watching football games that are played in that stadium.	Program providers specify which programs are blacked out for specific areas, not DishHD.
013, 014	You may have tried to tune to a program on a channel which you have not bought.	- You must buy a channel before you can tune to a program on that channel. Call the Customer Service Center to buy the channel, or if you believe this message was displayed by mistake. - If you subscribe to the channel and you see these messages, reset the DishHD 211t (page 86).
015	You may have just plugged in the DishHD 211t, and it is acquiring the satellite signal. Or, the DishHD 211t may have temporarily lost the signal.	- Wait a few minutes to see if the message is removed. Make sure that all required cables are in place, and check that all cable connections are tight and dry (for outdoor cables). - Make sure that the dish has a clear line of sight to the satellite. Check whether branches or leaves have grown into the line of sight. - Check that the Signal Strength bar in the Point Dish screen is green and displays the word Locked, as described on page 86. If not, contact your installer to re-aim the dish.

Reference

Troubleshooting Tables

Number	Possible Reason	What to Do
022	The dish may not have received authorization for programming yet. The dish may have moved so that it is no longer picking up the satellite signal. The cable connections may have loosened or have moisture inside. There may be an interruption of the satellite signal.	- If you have authorized the DishHD 211t, wait a few minutes to see if the message is removed. Make sure that all required cables are in place, and check that all cable connections are tight and dry (for outdoor cables). - Make sure that the dish has a clear line of sight to the satellite. Check whether branches or leaves have grown into the line of sight. - Check that the Signal Strength bar in the Point Dish screen is green and displays the word Locked, as described on page 86. If not, contact your installer to re-aim the dish.
026	The DishHD 211t may have temporarily lost the satellite signal.	- Wait a few minutes to see if the message is removed. Make sure that all required cables are in place, and check that all cable connections are tight and dry (for outdoor cables). - Make sure that the dish has a clear line of sight to the satellite. Check whether branches or leaves have grown into the line of sight. - Check that the Signal Strength bar in the Point Dish screen is green and displays the word Locked, as described on page 86. If not, contact your installer to re-aim the dish.
060	You may have aimed the dish at one satellite, but selected the option for another satellite on the Point Dish screen.	- Make sure that you have selected the option for the right satellite on the Point Dish screen, as described on page 86. - Make sure that the cable(s) for the satellite you have selected are connected to the LNBF that receives signals from that satellite. Re-aim the dish at the right satellite.
061	The DishHD 211t is downloading current software.	It is very important for the DishHD 211t to get the latest software to function properly. The download may take several minutes. Do not disturb or unplug the DishHD 211t during this time.
074	The DishHD 211t gives you three chances to enter the correct password. If you fail to do so, the DishHD 211t "times out" and will not allow you to try again for several minutes.	Wait a few minutes and then try again to enter the password. Note: The "time out" feature is designed to prevent someone from trying password after password until he or she happens to guess the right one and so gains unauthorized access to the DishHD 211t.
093	You may have selected the Reset Factory Defaults option.	If you want to reset the DishHD 211t to its factory default settings, select Yes . If you do not want to reset factory defaults, select No .

Changing Channels

What Is Happening	Possible Reason	What to Do
You enter a desired channel number. The channel changes, but the new channel is not exactly the channel you entered.	You may have made a mistake entering the channel number, or the channel number you entered may be invalid.	- Try entering the channel number again. - Reset the DishHD 211t using the instructions on page 76.
When changing channels, using the Program Guide, Browse, or other channel lists, some of the channels you subscribe to are not listed.	- If you entered the number for a channel that you have not subscribed to, the DishHD 211t changes to the channel and display a message indicating it is not part of your subscription. - If a Favorites List other than All Chan is applied, the DishHD 211t skips channels that are not on the applied list. - If you have set up to hide locked channels, these channels are not displayed in the Program Guide or other channel lists.	- Press GUIDE on the remote control, and press it again until it says All Chan at the top of the screen. - Change the Hide Locked setting to include these channels in the Program Guide and other channel lists.

DishHD Remote Control

What Is Happening	Possible Reason	What to Do
When you press a button on the DishHD remote control, the DishHD 211t does not do what you expect.	The DishHD remote control may be missing batteries, the batteries may be incorrectly placed in the remote, or the batteries may be weak or dead.	- Install four new AAA batteries in the DishHD remote control. - If the remote control has fresh batteries, check whether they are placed according to the label diagram. If not, remove them and install them correctly.
When you press the DishHD remote control POWER button to turn the DishHD 211t on, the DishHD 211t front panel power light does not light up.	- DishHD Remote control is not operating properly or the batteries are weak or dead. - The DishHD 211t power cord is not plugged into a power outlet, or there may be a problem with the power. - The remote control(s) may not be set to the address(es) used by the DishHD 211t.	- Try the DishHD 211t's front panel button to see if the DishHD 211t responds. - Replace the remote control batteries with fresh ones. - Check that the DishHD 211t power cord is not damaged, and that the plug is inserted correctly into the outlet. - Make sure the remote control(s) are set to the same address(es) used by the DishHD 211t. Refer to page 58.
While performing a DishHD remote control procedure, the DishHD remote control stops working.	If you do not press a button for 20-30 seconds in a programming sequence, the remote control shuts off its programming function.	Start over again.

Reference

Troubleshooting Tables

What Is Happening	Possible Reason	What to Do
When you press a button on the DishHD remote control, the equipment does not do what you expect.	- The DishHD remote control may not be in the mode for the equipment you want to control. - The remote control needs to be pointed right at the TV or other equipment. - The remote control may be missing batteries, the batteries in the remote control may be inserted incorrectly, or possibly the batteries are weak or dead. - The remote control is not set up to control the equipment. - No function is assigned in this equipment mode to the button you pressed.	- Press the correct mode button to set the remote control to the mode for the equipment you want to control. - The remote control uses IR signals to control all equipment. IR signals travel less than 40 feet and cannot go through walls or other solid objects. You must point the remote control directly at the front of the equipment with no objects to block the signal path. - If the batteries are missing or dead, put fresh AAA-size batteries in. If the remote control has fresh batteries, check whether you put them in correctly. If you did not put the batteries in correctly, take them out and put them in correctly. - Make sure you set up the remote control to control all the equipment you want to use. See <i>Confirming Remote Control Operation</i> on page 58 and <i>Controlling Other Components</i> on page 59. - Make sure you follow the steps for <i>Learning From Another Device's Remote Control</i> on page 63 to teach you DishHD remote the button function(s) to control your equipment.
DishHD 211t is not responding properly to commands from the DishHD remote control.	The DishHD 211t may be experiencing IR interference from other devices in the room.	- Move the DishHD 211t away from your HDTV. - If you have an LCD HDTV, disable the ambient light sensor. - Increase the HDTV's brightness setting.
Your picture is snowy or blue or black.	You have accidentally changed the channel on your TV.	- Make sure your TV (and DVD player, if one is connected) is turned to the correct channel. - Enable Limited Mode (see page 59) to avoid accidentally changing the channel on the TV. - Try RECOVER as described on page 68.
Your DishHD remote control is not working.	- The DishHD remote control is in the wrong mode. - You might be using the wrong remote control. - Your batteries are low.	- Make sure the DishHD remote control is in the correct mode. For example, if you want to use the DishHD 211t, put the remote control in SAT mode (see <i>Remote Control Modes</i> on page 59). - Make sure you are using the correct remote control for the device. - Change the batteries as described on page 8).

Troubleshooting Tables

What Is Happening	Possible Reason	What to Do
When you press the DishHD remote control MUTE or VOLUME button, nothing happens.	- The DishHD remote control may not be set up. - Maybe you are trying to control TV volume, but you set up the remote control to control a tuner or amplifier in AUX mode.	- See <i>Programming Using the Device Code Tables</i> on page 60 and <i>Controlling Other Components</i> on page 59. - Set up the DishHD remote control to operate either TV volume or tuner/amplifier volume, whichever you want. See <i>Switching Between TV and Amplifier and Volume Control</i> on page 66.
Your remote control does not work well.	You may be experiencing interference from objects near your DishHD 211t.	Move the DishHD 211t to different locations. For best results, place the DishHD 211t as high as possible, above all other equipment in your entertainment center.

Program Guide or the Browse Banner

What Is Happening	Possible Reason	What to Do
In the Program Guide, some channels have a red background.	Red means that you have not subscribed to that channel. You must subscribe to a channel before you can tune the DishHD 211t to it.	Reset the DishHD 211t (page 76).
You cannot display future programs in the Program Guide or Browse Banner.	The Program Guide and Browse Banner can display programs scheduled for an extended, but not unlimited time beyond the present.	Try displaying the Program Guide again later. By that time, it may show programs for the time and date you want.
You cannot display programs that have ended in the Program Guide or Browse Banner.	The Program Guide and Browse Banner can display only programs that have not yet ended. These features cannot display a time earlier than the present.	Contact the program providers (for example, the channel or network affiliate that broadcast the program) for details on past programs.
When you are using the Program Guide or Browse Banner, some channels are missing.	- You may have applied a Favorites List other than the list named All Chan. - You may have set up the Program Guide so that when the DishHD 211t is locked, the Guide hides locked or hidden channels.	- You can change the applied Favorites List while using the Program Guide by pressing the remote control GUIDE button. You can choose another custom Favorites List, the All Chan list, which includes all the channels, the All Sub list, which includes all subscribed channels, or the All HD list, which includes all subscribed HD channels. - Unlock the DishHD 211t for the Program Guide to display locked or hidden channels.

Reference

Troubleshooting Tables

Favorites Lists

What Is Happening	Possible Reason	What to Do
You press the remote GUIDE button while the Program Guide is displayed. You find that you can apply only the All Chan or All Sub.	If you have not added channels to any custom Favorites List, you can apply only the All Chan or All Sub.	You must add channels to a custom Favorites List before you can apply it.
You try to change the All Chan or All Sub list. The DishHD 211t displays an ERROR message.	The DishHD 211t does not allow you to change the All Chan or All Sub lists.	Choose another list to change. The All Sub list includes all channels that are part of your subscription.
You try to apply an empty Favorites List. The DishHD 211t displays an error message.	The DishHD 211t does not allow you to apply an empty list.	Choose another list to apply, or add at least one channel to the empty list.
A Favorites List does not show channels that you know you have added to it.	If you have set up the Program Guide to hide adult channels and the DishHD 211t is locked, the Favorites List does not show these channels.	Unlock the DishHD 211t for the list to show adult channels.

Watching A Program

What Is Happening	Possible Reason	What to Do
The DishHD 211t front panel power light is on, but the TV image is black, blue, or snowy.	- The TV set may not be working properly. - The TV may be connected to the wrong input. - If the TV and the DishHD 211t are working properly, there may be interference with the satellite signal.	- Verify the TV is set to the correct input or channel for your setup. - Make sure that the TV set is plugged into a working electrical outlet. - Make sure that the TV is turned on. - Use the RECOVER button (page 68). - Make sure that the TV is connected properly to the DishHD 211t. - Make sure that the TV's text mode is turned off. - Make sure that the TV brightness and contrast are adjusted correctly.
The TV image has pixels (small squares), is freezing, or you have intermittent black screens.	Your DishHD 211t may be experiencing signal loss due to something blocking your dish's view of the sky, the dish being misaligned, or weather.	- Make sure that the dish has a clear line of sight to the satellite. - Check whether branches or leaves have grown into the line of sight. - Make sure that the dish is aimed at the satellite. Check the strength of the signal using the Point Dish screen, as described on page 86. Consult your installer to re-aim the dish, if necessary, to obtain the maximum possible signal strength. - Note the local weather conditions. Heavy rain or cloud cover may be interfering with transmission of the satellite signal. Remove any debris which may have collected on the dish.

Troubleshooting Tables

What Is Happening	Possible Reason	What to Do
The DishHD 211t front panel power light is on, and there is a picture on the TV screen, but the picture: • has sparkles or is grainy • has a herringbone pattern • lacks color or vertical hold • wobbles • looks "washed out" or fuzzy.	• The TV set may not be working properly. • The DishHD 211t may not be properly connected to the TV. • There may be interference from other nearby electrical devices (such as radio towers, cellular telephones, computers, microwave ovens, radios, stereos, or TVs).	• Make sure that the TV brightness and contrast are adjusted correctly, and that the TV is working properly. Refer to your TV's user guide for assistance. • Make sure that the TV is connected properly to the DishHD 211t. • Check other nearby electrical devices as possible sources of interference. • Check that all required coaxial cables are in place. • Check for moisture or water leaking into all connections. Dry them out if needed, then seal them with coaxial cable sealant. • Check the length of cable between your dish and DishHD 211t. If it is greater than 200 feet, contact the person who installed your system. • Make sure the system is properly grounded.

Timers

What Is Happening	Possible Reason	What to Do
You try to set up an event timer and the DishHD 211t displays a message noting that the program is locked.	You must enter the password before you can create an event timer for a locked program.	To be able to set up an event timer for the program, first enter the password.
You try to set up an event timer, but the DishHD 211t displays an error message giving you the option to delete an event timer that was set up earlier.	You already have set up the maximum number of event timers.	To be able to set up a new event timer, delete one of the event timers you set up earlier.
You set up an event timer, but the DishHD 211t does not tune to the channel of the program or does not start your VCR.	You may have set up a Reminder but what you should have set up is an Auto-Tune or a VCR timer.	Remember that a Reminder just reminds you that the program is about to start. An Auto-Tune timer reminds you and tunes the DishHD 211t to the program. A VCR timer reminds you, tunes the DishHD 211t and starts recording to tape.
You set up an event timer for a program that is repeated (such as a regularly scheduled program), but the timer does not operate for a showing of the program.	You may have set up a timer with an incorrect frequency.	Remember that a Once event timer operates just one time. A Mon.-Fri. event timer operates Monday through Friday on the same channel at the same time. A Daily event timer operates Monday through Sunday on the same channel at the same time. A Weekly event timer operates once a week on the same channel at the same time.
You stop the operation of an event timer for one showing of a program that is repeated (such as a regularly scheduled program), but the timer operates for the next showing.	Stopping the event timer applies only to the current showing of the program.	To stop all operations of a repeated event timer, you must delete the event timer. Note: The DishHD 211t deletes a Once event timer when it operates.

Reference

Troubleshooting Tables

What Is Happening	Possible Reason	What to Do
You edit an automatic event timer. The timer does not start or does not end according to the program for which you set the timer.	Editing an automatic event timer converts it to a manual event timer. Such a timer starts and stops at the times you specify, not the start and stop times of any specific program.	If you want an automatic event timer to start and stop according to a specific program, avoid editing that event timer.
You try to set up a manual event timer. The DishHD 211t displays an error message.	You may have tried to set a manual event timer with invalid start or stop times.	Review the rules on start and stop times for manual event timers.
The DishHD 211t does not display the program name for a manual event timer.	The DishHD 211t may not be able to display a program name for a manual event timer.	Use the Program Guide or a printed schedule to find the program name.
You set an event timer. The event timer misses the beginning or the end of a program.	The program may have started a little earlier than scheduled, or it may have run over its scheduled ending time.	• Use the Start 1 Min. Early option to start any event timer one minute early • Use a manual event timer to start any event timer at the times you set yourself.
You set up an event timer, but the timer does not operate at all.	• You may have several timers set up for the same time, and the event timer you set is at a lower priority than others. • You may have selected New Episodes, and the timer you set was for an episode that is not new.	• Check the Priorities as described on page 48. • Check the Timer Frequency as described on page 48. • See <i>Reasons Why Timers are Skipped</i> on page 50.

Hearing A Program

What Is Happening	Possible Reason	What to Do
The DishHD 211t front panel Power light is on and there is a good picture on the TV set, but you do not hear any sound.	• You may have muted the sound, or set the volume so low that you cannot hear it. • The audio connections may not be properly connected. • You have selected Dolby Digital Only when there is no Dolby Digital soundtrack.	• Check the volume level on the TV or audio device. Turn off the mute or turn up the volume, as required. • Check the audio connectors and cables from the DishHD 211t to the TV or the sound system. • Check the TV speakers or the sound system. • In the Dolby Digital menu, select Dolby Digital/PCM for the audio output. If your decoder/amplifier does not accept Linear PCM digital input, use the analog connections instead.
You hear a foreign language with a program.	You may have set the DishHD 211t to select an alternate audio language. The program may be in a foreign language.	Use the Alternate Audio Language menu to select the language that you prefer.

Locks

What Is Happening	Possible Reason	What to Do
You set a lock (for example, a lock on programs by ratings), but the lock does not take effect.	You may not have locked the DishHD 211t.	You must lock the DishHD 211t to apply any lock that you have set.
You forgot the password, so that you are unable to unlock the DishHD 211t.	N/A	Call the Customer Service Center. You must be able to verify your account information with the customer service representative.

Menus

What Is Happening	Possible Reason	What to Do
You were using a menu, and it suddenly closed.	You may have not done anything with the remote control or front panel buttons for several minutes.	The DishHD 211t has a time-out feature that closes any menu after several minutes of no activity. This feature discards any changes you have made, but otherwise does no harm to the DishHD 211t. Start over again.

Reference

Troubleshooting Tables

External Hard Drive Troubleshooting

What Is Happening	Possible Reason	What to Do
DishHD 211t does not recognize the external hard drive.	- The hard drive is not compatible. - The hard drive consists of more than one physical internal hard drive.	- Make sure that only the external hard drive is attached to the USB port. Having a USB hub attached to the DishHD 211t's USB port and having other devices attached to this hub causes the DishHD 211t not to recognize the external hard drive. - Set the DishHD 211t by pressing and holding the POWER button on the front panel of the DishHD 211t with the external hard drive connected to see if the DishHD 211t recognizes the hard drive after the reset. If not, the hard drive is not compatible.
Pop-up message "External Hard Drive size is not compatible."	The size of the external hard drive is too small or too large.	Only install a USB 2.0 external hard drive. The external hard drive size must be between 50 GB and 1 TB.
Pop-up message "External Hard Drive cannot be connected to a separate DishHD account."	- The device has been connected to or is associated with another account. - The hard drive has not been reformatted for the DishHD 211t. - An external hard drive can only be used on an authorized customer account. - The external hard drive can only be used on DishHD accounts that are authorized for DVR.	- The external hard drive has to be reformatted before using it with the DishHD 211t. - If the external hard drive has been connected to a DishHD 211t on a different DishHD account and is now being moved to a DishHD 211t not on that account, it must be reformatted before it can be used with this DishHD 211t. External hard drives cannot be moved between devices on different accounts.
Pop-up message "USB mass storage device has to be reformatted to support DishHD DVR functionality."	DishHD 211t detects an external hard drive at the USB 2.0 port.	The device must be reformatted to provide DVR Conversion. Any information on the hard drive is lost in the reformatting process.
Pop-up message "DishHD 211t has detected a USB hard drive and has to be restarted to use the DishHD DVR feature."	The DishHD 211t has to be restarted in order to provide the DVR Conversion features	DishHD 211t needs to reset before it can use the DVR Conversion features, such as pause live TV or recording programs.
Pop-up message "DVR recording(s) are in progress or about to start. To remove the external hard drive, stop the current recording(s) and select Remove DVR again."	DVR recording of a satellite or off-air program is in progress. A timer is scheduled to go off in the next two minutes.	Select My Recordings. If a recording is in progress, it is shown at the top with a red record icon. Highlight this event and select Stop Rec to stop the DVR recording. If a timer is scheduled to go off, select View TV and wait for the timer icon to appear. When the timer warning icon displays, press SELECT. Select the Stop Timer button.

Device Codes for Remote Control

DEVICE CODES FOR REMOTE CONTROL

These tables contain the manufacturer codes for programming the remote to control your TV, VCR, DVD player, or audio amplifier. Every attempt has been made to include all codes. If your device brand is not listed or if the codes do not work, the remote control may not operate your device. In some cases, codes may operate some but not all buttons shown in this guide. Some codes below are only supported in the latest remote control versions and may not be supported in earlier versions.

TV Codes

Note: If programming in AUX mode, press 0 before entering the TV code.

888	0264 0412	Changfeng	0264 0412 0696 0753 0817	Futronic	0264 0795
Accent	0009	Changhai	0009 0329 0817	Ganxin	0817
Acer	2303	Changhong	0009 0156 0264 0508 0783	GE	0021 0027 0030 0047 0051 0092
Action	0650	0817 0820 0848 1005 1008 1023 1025		0178 0180 0451 0560 0747 1454	
Addison	0092 0108 0653 1150	1030 1033 1156 1910		General	186
Aiko	0009 0216	Chengdu	0009 0817	Genesis	0009 0037
Aim	0068 0706 0753 0805	Chimei	1837 1852 2072 2302	Giant	0009
Aiwa	0848 1910	Ching Tai	0003 0009 0092 0179 0474	Gibson	1597 1826 1834 2305
Akai	0009 0037 0178 0216 0218 0264	Chun Yun	0000 0009 0033 0092 0161	Gintai	0354 0474 0721 1150
0329 0412 0602 0672 0696 0753 0806		0179 0180 0474 0700 0706 0843 1150		Goldstar	0001 0002 0030 0037 0039
0826 1074 1537		1687 1756 1834 2230		0056 0154 0283 0308 0409 0457 0467	
Akashi	0009	Chungfeng	0009 0264	1150 1378 1478 1910	
Akira	0753 0858	Chung Hsin	0033 0036 0053 0108 0180	GP	0753
Albatron	0700 0843	0474 1150		Grundig	0009 0535 0554
Anam	0003 0004 0009 0068 0161 0180	Chungfeng	0412 0646	GVA	1075
0250 0425 0426 0628 0700 0861		Chunsun	0009 0817	Haaz	0706
Anam National	0161 0250 0425 0650	Cinema	0672	Haier	0037 0508 0587 0779 0896 1009
Anhua	0051	Conia	0754 0820 0821	1017 1019 1052 1055 1057 1058 1059	
AOC	0003 0009 0018 0030 0060 0092	Conrowa	0009 0145 0156 0264 0412	1061 1062 1067	
0093 0108 0178 0179 0180 0451 0474		0642 0696 0698 0753 1156 1170		Haihong	0009
0628 1150		Daewoo	0003 0004 0019 0030 0032 0039	Haiyan	0264 0412 0817
Aolingpu	0858	0108 0451 0474 0623 0627 0628 0700		Hanimex	0218
Aolinpika	0264 0412	1150 1661 1921		Hankook	0019 0030 0056 0178 0180
Astra	0037	Dawa	0009	0409 0628	
ATD	0698	Daytek	0672	Hanns.G	2298 2304
Atlantic	0001	Daytron	0180 0374	Hannspree	1348 1351 1352 1826 2298
Audiosonic	0820 0858	Dayu	0374 0391 0661	2304	
Audioworld	0698	DEC	0785 0795 0891	Harwa	0773
AUO	1591	Deitron	0374	Harvermy	0093
Awa	0009 0011 0036 0108 0157 0216	Denon	0576	Heran	1826
0264 0374 0785 1985		Denstar	0628	HiPlus	1420 1435 2113 2224 2225 2226
Baihe	0009 0264 0412	Diamond	0009 0216 0672 0698 0706	2230 2235 2253 2287	
Baile	0001 0009 0374 0391 0661	0820 0825 0896		Hisense	0145 0156 0208 0227 0811 0821
Baohuashi	0264 0412	DigiMax	0891	0848 1022 1026 1070 1072 1075 1082	
Baosheng	0009 0817	Digitex	0820	1083 1170 1208	
Base	1075	Digiton	0037 1985	Hitachi	0151 0156 0157 0165 0178 0179
Bauer	0805	DL	0587 0780 0848 0872 0891	0182 0381 0409 0474 0508 1063 1099	
Beijing	0001 0009 0208 0226 0264 0374	Dongda	0009	1150 1156 1643	
0391 0412 0482 0661 0812 0817 0821		Donghai	0009	Hitachi Fujian	0108 0150
Beko	0037	DSE	0698 0767 0820 1985	Hitec	0698
BenQ	1853	DVX	0891	Hongmei	0009 0093 0264 0817 0848
Black Diamond	0587 0753 0820 0821	Ecco	0773	1910	
Blaupunkt	0036 0554	ECE	0037 1046	Hongyan	0264 0412 0817
Boigle	1696	Elekta	0009	Hua Tun	0009 1150
Brandt Plus	1851	Emerson	0039 0177 0178 0179 0180	Huafa	0009 0145
C-Tech	0858 0891 0896	0181 0236		Huanghaimei	0009
Cai Xing	1066	Enzer	0068 0753	Huanghe	0009 0817
Caihong	0009 0817	Erae	1222	Huanglong	0009
Cailing	0748	ESC	0474	Huangshan	0009 0264 0412 0817
Caishi	0891	Esonic	2221 2229 2234	Huanyu	0227 0264 0817 0848 1910
Celestial	0767 0820 0821	Ether	0003 0009 0030 0161	Huaqiang	0264 0412
Centrex	0780 0826 0891 1075	Etron	0001 0009 0283 0646 0820	Huari	0145 0264 0412
Changcheng	0001 0009 0051 0264 0374	Feilang	0009	Huodateji	0051
0391 0412 0661 0817		Feilu	0009 0817	Hyundai	0706 0767 0865
Changfei	0009 0329 0374 0817	Feiyue	0009 0817 1044	Imperial Crown	0001 0009 0264 0374
		Firstar	0009 0033 0236	0391 0412 0661	
		Fortress	0093	Inkel	0571
		Frigidaire	1597 1826 2231	Inotech	0773 0820
		Fujimaro	1498 1687	Jean	0003 0009 0051 0092 0156 0179
		Fujimaru	1687	0236 0474 0721	
		Fujitsu	0095 0186 0683	Jiahua	0051
		Fujitsu General	0009 0186	JiaLiCai	0009 0264 0412 0646
		Funai	0171 0179 0180 0264 0342	Jinfeng	0051 0208 0226 0817
		Furi	0145 0264 0412 0817	Jinhai	0848 1910
				Jinque	0009 0264 0412 0817

Reference

Device Codes for Remote Control

Jinta 0009 0264 0412 0848 1910
Jinxiang 0009 0037 0054 0145 0156 0264
0556 0698 0817 0821 1006 1011 1012
1013 1044 1353
JNC 0896
JTV 0795
Juhua 0264 0412 0817
JVC 0036 0053 0069 0094 0160 0169
0508 0653 2321 2322
Kaige 0009 0264 0412 0817
Kangchong 0848 1910
Kanghua 0896
Kangli 0001 0009 0264 0374 0391 0661
0817
Kangyi 0009 0264 0412
Khind 0706 0896
KIC 0329
Kiota 0001
KLL 0037
Kolin 0033 0036 0037 0053 0108 0150
0180 0474 0891 1150 1610 1755 1837
2287 2290 2327
Kongque 0009 0264 0646 0817
Konichi 0009
Konka 0628 0703 0748 0795 0816 0817
1006 1084 1085 1086 1087 1094 1098
1103 1112 1939
Kriesler 0012
Kuaile 0009 0264 0412
Kulun 0009
Kunlun 0051 0208 0226 0264 0374 0661
0817
Legend 0009
Lemair 0032
LG 0001 0003 0004 0019 0030 0032
0037 0038 0056 0060 0108 0409 0474
0644 0700 1378
Lihua 0817
Lloyd's 0001 0009
Logik 0009 0011 0060 0698 0773
Longjiang 0264 0412 0817
MAG 1498 1687
Malata 1812
Marantz 0054
Maruman 0391 0627
Mastro 0053 0698 0706 0780
Masuda 0009 0037 0218 0264
Materin 0858
Matsushita 0161 0250 0650
Maxdorf 0773
MCE 0009
Meck 0698 0891
Meile 0264 0412 0817 0848 1910
Memorex 1985
Mercury 0001 0009 0060
Mermaid 0037
MGA 0218 0374
Microtek 0820
Mitsubishi 0019 0030 0033 0036 0056
0093 0098 0154 0155 0178 0179 0180
0236 0250 0381 0474
Monivision 0700 0843
Mudan 0009 0051 0208 0226 0264 0412
0817
Nanbao 0009 0264 0412 0848 1910
Nansheng 0264 0412 0817
NAT 0226
National 0051 0208 0226 0227 0508 1097
2300
NEC 0019 0030 0046 0051 0056 0154
0156 0165 0178 0653 0661 0817 1150
1378 1546 1852
Newave 0009 0092 0093 0161 0178 0721
1150
Nicamagic 0216
Nikon 0848 1910

Nintaus 0891
Nordmende 0891
NPC 1024
Nu-Tec 0820 0698 0821
Olevia 1610 1813
Omni 0698 0748 0780 0826 0872 0891
Onking 0280
Onwa 0218 0602
Orion 0011 0037 0177 0264 0412
Otic 1006
Palsonic 0001 0037 0218 0264 0698
0773 0779
Panashiba 0001
Panasonic 0037 0051 0054 0108 0126
0161 0208 0226 0227 0338 0508 0650
0896 1097 1480 2300
Panda 0009 0051 0208 0226 0264 0412
0508 0646 0698 0706 0780 0817 0821
0826 0848 0891
Peng Sheng 0891
Philco 0019 0020 0028 0030 0032 0037
0056 0178 0180 0186 0278 0409 0451
0474 0628 0747
Philips 0000 0009 0019 0020 0024 0028
0030 0032 0187 0278 0332 0409 0474
0747 0774 2301
Pioneer 0011 0038 0166 0170 0172 0679
0698 0866 1457
Polaroid 1385 1498 1687 1766 1767
Polytron 0282
Polyvision 0889 1144
Premier 0009 0264 0811
Prima 0009 0753
Princess 0773
Proton 0001 0003 0009 0030 0031 0039
0056 0149 0178 0466 0474 0644 1091
1092 1834 1874
Pvision 1222
Pye 0037 0412
Quingdao 0051 0208 0226 0264 0412
0817
QONIX 1594
Qualcraft 0039
Rank Arena 0036 0602 0753 0796
RCA 0000 0018 0030 0047 0092 0178
0560 0753 0796 0825 1454 1922 2323
Relon 1826
Rinex 0773
Rover 0036
Rowa 0009 0037 0216 0264 0587 0698
0712 0748 0817 1006 1046
Royal 0825
Ruyi 0227 0817
S-Media 1217
Saba 0250
Saige 0009 0817
Sampo 0009 0030 0036 0092 0093 0154
0171 0178 0474 0650 0700 0721 1385
1755 2238 2312
Samsung 0019 0030 0032 0056 0090
0092 0093 0154 0156 0702 0747 0774
0812 0817 0821 1060
Sanjian 0264 0412
Sansui 0037 0602 0706 0727 0753 0806
0826 0861 0898 1035 1537 1594
Sanyo 0068 0107 0145 0156 0159 0180
0227 0264 0842 1096 1150 1154 2115
2228 2236 2237
Sanyuan 0009 0093 0817
Shancha 0264 0412 0817
Shanghai 0009 0208 0226 0264 0329
0412 0817 0848 1910
Shaofeng 0145 0227 0817
Sharp 0009 0030 0032 0039 0153 0157
0165 0220 0409 0474 0491 0589 0650
0720 0818 1293

Shen Ying 0003 0009 0092 0179 0474
Shencai 0009 0145 0264 0412
Sheng Chia 0009 0033 0179 0236 0474
1150
Shenyang 0009 0264 0696 0753 0817
Sherwood 0009
Shivaki 0178
Show 0009
Silva 0216
Singer 0009 0806 0891 1537
Sinotec 0773
Skygiant 0180
Skysonic 0753 0796
Skyworth 0009 0264 0696 0698 0727
0748 0753 0796 1120 1121 1123 1124
1127 1128 1129 1130
Songba 0009
Soniq 0773
Sony 0000 0003 0011 0036 0650 0810
0897 1100 1317 1925
Sowa 0036 0051 0060 0092 0156 0178
0226 0338 0474 1150
Soyea 0773
Staksonic 0009
Supersonic 0009 0208 0805
SuperTech 0216
Supra 0178
SVA 0587 0748 0768 0865 0870 0871
0872 0899
Svasa 0208
Synco 0000 0036 0060 0092 0093 0178
0451 0474 1755 1826
Tacico 0009 0092 0178 0179 0474 1150
Tai Yi 0009 1150
Taishan 0009 0374 0391 0817
Tashiko 0033 0092 0650 0721 1150
Tatung 0003 0009 0036 0051 0054 0060
0154 0156 0338 0474 0553 0628 1139
1150 1156 1687
TCL 0412 0698 0706 0727 0785 0806
0826 1027 1035 1036 1038 1039 1041
1042 1043 1046
Teac 0009 0037 0171 0178 0264 0282
0412 0587 0698 0706 0712 0898 1006
1755 1812
Technica 0218
Teco 0009 0030 0036 0051 0053 0068
0092 0093 0178 0218 0264 0280 0474
0628 0653 0762
Tedex 0009 0208 0806 0891 1537
Tek 0795 0820
Telefunken 0074 0560 0587 0698 0712
0753 0754 0820 0821 0896
Telestar 0009
Tempest 0009 0264
Tera 0030 0031 0092 0149 0466 0474
Thomson 0560 0753
Tiane 0093 0817
TML 1756
Tobishi 0218
Tobo 0009 0264 0412 0748
Tongguang 0264 0412
Tongtel 0587 0780
Tonomac 0068
Toshiba 0003 0060 0070 0145 0149 0154
0412 0502 0553 0644 0821 1021 1150
1256 1343 1524
Toyoda 0009 0264
Transonic 0037 0264 0587 0698 0712
0780 0858 1069
Triad 0218 0556
Trio 1498 1687
Tuntex 0009 0030 0092 0474
Universal 1696
Victor 0036 0053 0160 0250 0376 0650
0653

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Videocon 1540
Videomac 0009
Viewsonic 0864 0885 1742 2111 2277
 2280 2281
Vision 0032 0264 0474 1826 2305
Vizio 1758 2116
Voxson 0178
Warumaia 0374 0391 0661
Waycon 0156
Weipai 0009
Westinghouse 0003 1092 1381 1597
 1712 1755 1826 1834 2293 2305
Wharfedale 0891 0896 1618
White Westinghouse 0186
Wintel 1006
Xiahua 0009 0264 0412 0698 0773 0779
 0817
Xianghai 0009
Xiangyang 0264 0412
Xiangyu 0009
Xihu 0264 0412 0817
Xinaghai 0412
Xingfu 0009
Xinghai 0264
Xinrisong 0848 1910
Xinsida 0329
XLogic 0698
Xoceco 0779 0785 1064 1065 1068
Xuelian 0848 1910
Yamaha 0030 0650
Yapshe 0250
Yingge 0009
Yongbao 0848 1910
Yonggu 0009
Yoshita 0825
Youlanasi 0817
Yousida 0009 0848 1910
Yuhang 0009
Zenith 0016 0017
ZhuHai 0009 0374
Zinwell 2116 2281

VCR Codes

Note: If programming in AUX mode, press 1 before entering the VCR code.

Aim 0020 0278 0642
Aiwa 0000 0037 0479
Akai 0037 0053 0106 0281 0288 0315
 0642
Amoisonic 0479
Anam 0037 0162 0226 0240 0278 0480
 0553 0579 1037
Anam National 0162 0226 0454 1562
Awa 0037 0043 0278 0579 0642
Blaupunkt 0226
Bluewin 2243
Casio 0000
Changhong 0048 0081
Daewoo 0017 0020 0045 0046 0104 0210
 0212 0278 0368 0431 0554 0561 0642
 0844
Daytron 0278
Deitron 0278
Denon 0042
Digiton 0579 0642
DSE 0000 0579 0642
Emerson 0000 0035 0036 0037 0045
 0061 0121 0208 0209 0211 0212 0240
 0343

ESC 0020
Fujitsu 0000 0045 0052 0366
Fijitsu General 0037
Funai 0000
GE 0035 0060 0226 0240 0320 0760
General 0045 0052 0366
GoldStar 0037 0038 0209 0225 0226
 0471
Grundig 0081 0195
Heojie 0240
Hitachi 0000 0037 0041 0042 0166 0235
 0356 1037
Humax 2037
Jean 0024
JVC 0008 0041 0045 0067 0081 0206
 0366 0384
Kambrook 0037
KIC 0000
Kolin 0041 0043
LG 0037 0038 0040 0042 0045 0051
 0053 0209 0420 0480 1037
Loewe 0037
Magnavox 0642
Marantz 0081
Matsui 0278
Matsushita 0162 0226 0227 0367
Memorex 0000 0037 0048 0569 0579
 1037 1048
Mercury 0020
Microsoft 1972
Mitsubishi 0000 0041 0043 0061 0067
 0173 0196 0214 0608
NAD 0104
National 0024 0226
NEC 0008 0035 0037 0038 0040 0041
 0048 0050 0067 0104 0206 0278 0370
Newave 0024 0037
Nu-Tec 0209
Orion 0209
Palsonic 0000 0072 0642
Panasonic 0024 0035 0162 0226 0227
 0246 0254 0367 0454 0513 1562
Philco 0000 0035 0226
Philips 0000 0035 0062 0081 0146 0161
 0226 0563
Pioneer 0042 0058 0206
Proscro 0844
Pye 0000
Qisheng 0060
Rank Arena 0041
RCA 0000 0035 0042 0060 0065 0202
 0226 0240 0320 0760 1060
Sampo 0037 0048
Samsung 0045 0051 0053 0210 0212
 0240 0425 0426 0432 0489 0663 0760
Sansui 0209
Sanyo 0046 0047 0104 0268 0356 0368
 0369
Sharp 0037 0048 0062 0209 0363 0549
 0569 1048
Shinco 0000
Shintom 0072
Shivaki 0037
Sonwa 0642
Sony 0011 0032 0033 0034 0586 0639
 0640 1232
Sowa 0024
Supra 0278
Tashiko 0037
Tatung 0008 0024 0041 0045 0067 0366
Teac 0000 0037 0041 0072 0278 0642
 0844
Teco 0035 0037 0038 0040 0041 0048
Tedex 0037 0209 0642
Telefunken 0041 0209 0320 0642
Telestar 0037

Tempest 0020
Tevion 0642
Thomson 0320
Toshiba 0008 0024 0041 0042 0043 0045
 0066 0067 0210 0212 0366 0384 0608
 0828
Toyoda 0278
Trakton 0020
Triad 0278
Victor 0008 0041 0067 0384
Video Pro 0020
Videomagic 0037
VideoPro 0020
Villain 0000
Wharfedale 0642
Yamaha 0038 0041
Yoshita 0072
Zenith 0033 0034 0039

Tuner/Amplifier Codes

Programming in AUX mode:
 Press 2 before entering the tuner/amplifier code.

Aiwa 0121 1243 1321 1347 1388 1405
 1641 1827 2298
Akai 1390
Anam 0281 0609 0804
Audioworld 1390
Bose 0639 1229 1253 1629 1933
Daewoo 0407 1293
Denon 0771 1142 1360 2857
Diamond 1390
Fonmix 1360
GoldStar 0281
Harman/Kardon 1304 2241
Integra 1298 1805
JVC 1282 1374 1495 1643 2161 2239
 2299 2331
Kenwood 1027 1313
LG 0281 1293 2197
Marantz 1189 1269 1289
Mitsubishi 1393
Nakamichi 0097
NEC 1250
Onkyo 0842 1298 1320 1805 2259
Panasonic 1275 1288 1308 1316 1350
 1363 1509 1518 1548 1633 1763 1764
 2967
Philips 0891 1189 1266 1268 1269 1283
 1365 1368 2289 2311
Pioneer 0531 0630 1023 1343 1384 1935
Qisheng 1390 1609
Samsung 0665 1295 1500 1868
Sansui 0609 1764
Sanyo 1469 1801
Shangling 1608
Sharp 0771 1361 1386
Shinco 1390
Silsonic 0176 1426
Sony 1058 1349 1367 1371 1441 1442
 1458 1503 1529 1558 1622 1658 1822
 1858 2172 2216
Stereophonics 1023
Sunfire 1521 1931
Teac 0609 1074 1390
Technics 1308 1384 1518
Telefunken 1390
Wharfedale 1390

Reference

Device Codes for Remote Control

White Westinghouse 1814
Yamaha 0176 1176 1276 1331 1375 1376
1476 2061 2406

Audio Amplifiers Codes

Note: If programming in AUX mode, press 2 before entering the tuner/amplifier code.

Aiwa 0406
Classic 1595
Denon 2134
Epoch 1431
JVC 0331
Kenlong 1613
Kenwood 0356
Korsun 1483
Marantz 0321 0892 2138
Nakamichi 0321
O'dis 1610
Panasonic 0308 0521
Philips 0892
Sansui 0321
Sony 0689 0815
TCL 1591
Technics 0308 0521
Temeisheng 1603 1612
Victor 0331
Weida 1714
Yamaha 0354

Audio Codes

Note: If programming in AUX mode, press 2 before entering the tuner/amplifier code.

Apple 1115

Video—VCD Codes

Note: If programming in AUX mode, press 2 before entering the tuner/amplifier code.

Akai 0598
Akira 0581
Amoisonic 0475
Baolijin 0726
BBK 0624
Caishi 0726
Caosde 0726
Denon 0600
Funai 0584
Gynco 0601

Hong Deng 0542
Idall 0595
JVC 0602
Kebao 0581
Kenwood 0604 0605 0606
Lingxian 1220
Malata 0626
Panasonic 0496
Philips 0475
Pioneer 1750
Renaissance 0323
Rowa 0541
Samsung 0323
Sharp 0581 0597 0679
Shinco 0540
Skyworth 1219 1257 1259
SMC 0596
Sony 0583 0589
Super 0581
TCL 1184 1190
Thakral 0625
Toshiba 0599
Ultimax 0581 0679

DVD Player Codes

Note: If programming in AUX mode, press 1 before entering the DVD code.

ABIT 2245
Aim 0672
Aiwa 0641
Akai 0611 0766 0790 0899 1205
Alco 0790
Amoisonic 0611 0764
Apex Digital 0672
Arirang 1474
Audioworld 0790
BBK 0863 1452 1453
Big Echo 1050
Blue Parade 0571
BuBuGao 0863
Celestial 2058
Centrex 0672
Changhong 0627 1061
Conia 0672 0764 0835 1623 2254
Denon 0490 0634 1634 2258 2470
Desay 1212 1213 1214 1215
Diamond 0790
digiRED 0717
Digitrex 0672
Ecco 2105
Eng 1517
Enzer 0766 1517
GE 0717
Giec 1622
Harman/Kardon 1229
Harwa 2235
Hitachi 0664
Hiteker 0672
Hyundai 1061
Idall 1208
InterVideo 2245
JNC 0672
JVC 0558 0623 0867 1164
jWin 1049 1051
Kenuo 1175
Kenwood 0534
Konka 0711 0719 0720 0721 1185 1192
Lafayette 1369

LG 0741 2189
Loewe 0539
Malata 2155
Marantz 0539 2414
Mastar 1217
MDS 1111
Microsoft 1708 2083
Mitsubishi 0521 1521
NEC 0741
Nintaus 1051 1202
Olympic 1517
Omni 2105
Onkyo 0627 1417 1418 1612 1769 2147
Orion 0695
Otic 1455
Palsonic 0672 0835
Panasonic 0490 0632 0703 1362 1462
1490 1579 1641 1762
Panda 0717 1203
PDVD 1210
Philips 0503 0539 0646 0671 0854 1267
1354 2049 2056 2084 2301 2334 2434
Pioneer 0142 0525 0571 0631 0632 1571
2442
Polariod 2110
Protint 1210 1211
Qisheng 1206
Rotel 0623
Sampo 1347
Samsung 0199 0573 0820 0899 1075
2269
Sansui 0695 1051 2058
SAST 1116 1201 1207
Sharp 0630 1256 2250
Shinco 0717
Sinotec 0764
Skysonic 0766
Skyworth 0766 0898 1258
Sony 0533 0772 0864 1033 1070 1431
1516 1533 1633 2180
Superb 0855
SVA 0717 0860 1105 1191 1209
TCL 1180 1182 1186 1189 1225 1260
Teac 0571 0717 0790 2155
Telefunken 0790
Tevion 1347
Thakral 0701
Tongtel 0764
Toshiba 0503 1045 1154 1510 1769
Tsinghua Tongfang 1204 1205
Vestel 2249
Wharfedale 0790
Wintel 1131
Xbox 0522 1708 2083
Xingke 1216
Xoceco 1231
Yamaha 0490 0539 0545

TV/DVD Combination Codes

Programming for combination equipment: Program the remote control in TV mode and then in VCR (or AUX—press 1 before entering the DVD code) mode. The first number is the TV code and the second number is the DVD code.

Boigle 1696
Konka 1939 1940 1956 1957
LG 1423
Malata 1812
Polaroid 1766
Sharp 0818
SVA 0899
Toshiba 1524

TV/VCR Combination Codes

Programming for combination equipment: Program the remote control in TV mode (first number) and then in VCR mode (second number).

Aiwa 1910
Audiovox 0180
Daewoo 1921
Emerson 0236
Mitsubishi 1150
Sony 1925

Reference

Notes

NOTES

Appendix



Appendix

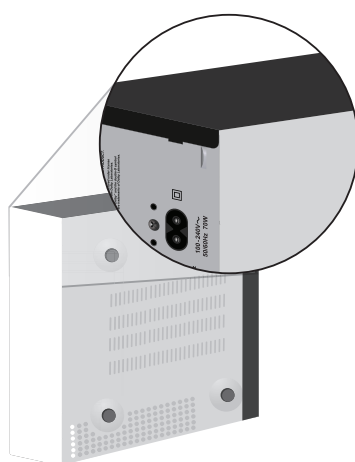
- **INSTALLING THE TUNER**

INSTALLING THE TUNER

These steps describe how to install the tuner into the DishHD STB.

- Note:** Ensure that the AC cord is not connected to the DishHD STB or to power. The DishHD STB is sensitive to Electro-Static Discharge (ESD). Wear a grounded protective ESD strap or ground yourself first by touching a grounded metal fixture, such as a metal plumbing fixture, a metal railing, or a structural I-beam, before beginning installation.

Note: Before starting, take a look at the sides and bottom of the DishHD STB. Note the placement of the front cover in relation to the sides and bottom (see Figure 1).



**Top cover
properly aligned**

Figure 1. Top cover alignment

Remove screws from the back panel. With the DishHD STB on a flat surface, remove the four screws from the back panel of the DishHD STB (see Figure 2) using a Phillips 01 screwdriver. These screws fasten the top cover to the chassis of the DishHD STB. Put the screws in a safe place—they are needed in Step 7 on page 108.



Figure 2. Screw location on back panel of DishHD STB

- 2 Remove the top cover.** Remove the top cover of the DishHD STB. Slide it away from the front panel until it stops and lift up on the corners that were just pulled away from the front panel (see Figure 3).

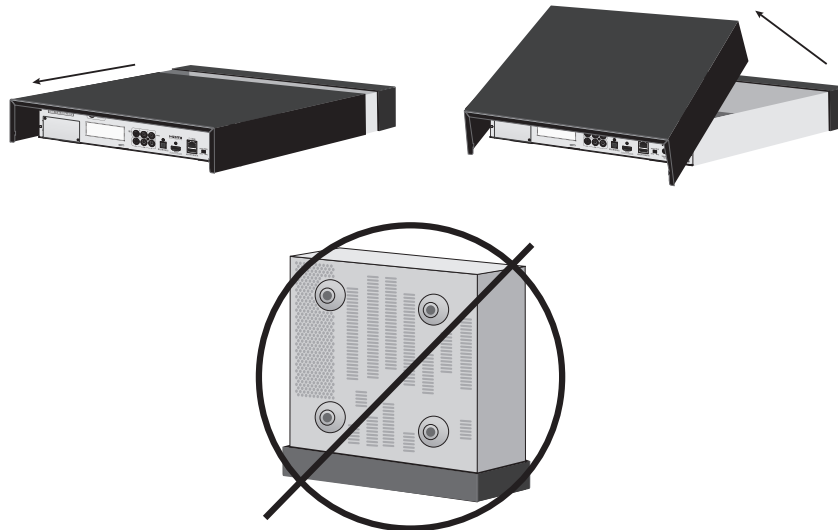


Figure 3. Removing top cover of DishHD STB

Note: Do not rest the DishHD STB on the front surface as the front panel door could break.

- 3 Remove the washer and nut from F-connector.** On the tuner, remove the washer and nut from the F-connector. Put the washer and nut in a safe place, since they are needed in step 5.
- 4 Note:** Ensure that the AC cord is not connected to the DishHD STB or to power. The DishHD STB is ESD sensitive. Wear a grounded protective ESD strap or ground yourself by first touching a grounded metal fixture.

Install the tuner. Insert the tuner so the F-Connector protrudes from the rear panel. Ensure all pins on the tuner are aligned and inserted fully into the connector (see Figure 4).

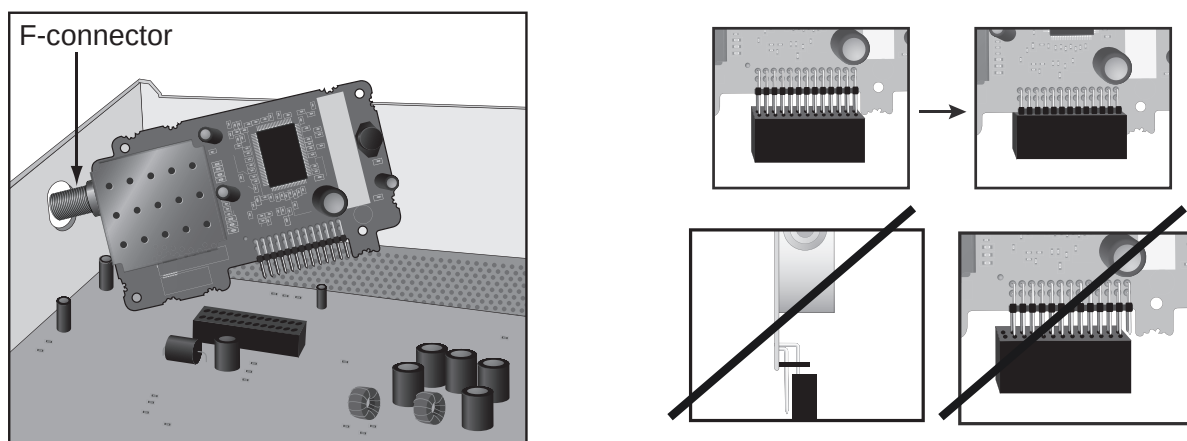


Figure 4. Installation of the tuner

Appendix

Installing the Tuner

Note: No pins should be visible around the connector. The plastic on the tuner should be flush with the plastic on the connector.

- 5 Replace the washer and nut on the F-connector.** Place the washer and nut on the F-connector (see Figure 5), with the washer indentation facing to the back side of the box. Tighten the nut to 0.90 ± 0.05 N-, (8 ± 0.5 in-lbs), ensuring the hole in the back panel is entirely covered by the washer.

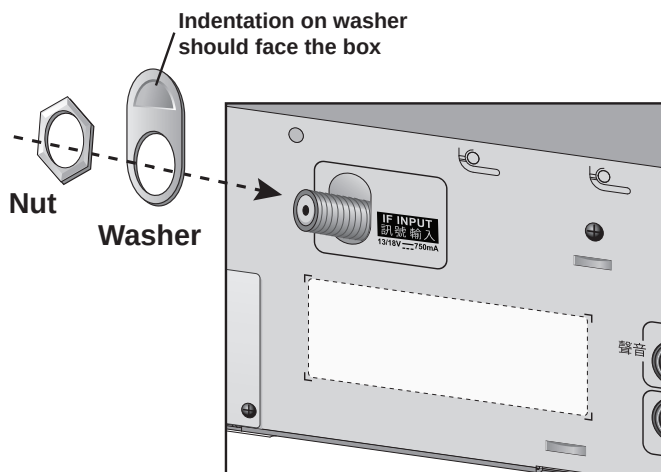


Figure 5. Securing tuner to back panel of DishHD STB

- 6 Replace the top cover.** Replace the top cover (see Figure 6). The side edges of the DishHD STB's top cover should be flush with the bottom of the DishHD STB.

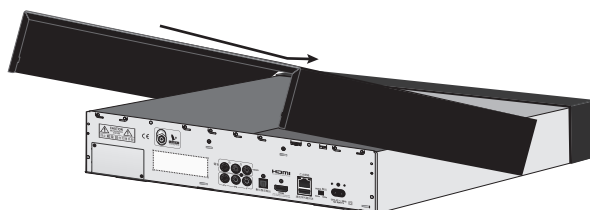


Figure 6. Replacing top cover of DishHD STB

- 7 Replace the four screws to the back panel.** Replace the four screws, attaching the top cover to the DishHD STB (see Figure 7). Torque these screws to 0.79 ± 0.05 N-m (7 ± 0.5 in-lbs).

Note: The top cover fits snugly, and when fitting properly, does not need any pressure to line up the holes. If you have to apply pressure to line up the holes, take off the cover and repeat step 6.



Figure 7. Replace screws

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DishHD 211t Information

Write the following information in the spaces provided below. You may need to provide this information if you call the DishHD Customer Service Center. To get the Conditional Access Numbers, display the System Info screen by pressing MENU-6-1-3 on your DishHD remote control.

Purchase Location Name	
Purchase Location Telephone Number	
DishHD 211t Serial Number	
DishHD 211t Conditional Access Number	
Smart Card Conditional Access Number	

Remote Control Settings

	Remote Control
Remote Control Address (SAT Mode)	
TV Code (TV Mode)	
DVD Player/VCR Code (DVD Mode)	
Auxiliary Code (AUX Mode)	

TV Input/Channel Settings

	TV
TV Input/Channel	



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